

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057705.D
 Acq On : 5 Sep 2019 18:54
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 1:10:32 PM

Quant Time: Sep 06 03:25:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 02:20:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	211719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	346570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	324232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	179231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	263555	55.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.66%	
35) Dibromofluoromethane	7.57	113	161436	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.08	98	611722	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.40	95	247350	55.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167568	50.294	ug/l	100
3) Chloromethane	2.04	50	198800	57.752	ug/l	100
4) Vinyl Chloride	2.17	62	143713	50.886	ug/l	100
5) Bromomethane	2.54	94	65188	41.080	ug/l	100
6) Chloroethane	2.68	64	84031	44.311	ug/l	100
7) Trichlorofluoromethane	3.00	101	232129	45.049	ug/l	100
8) Diethyl Ether	3.39	74	95994	53.273	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	144670	50.539	ug/l	100
10) Methyl Iodide	3.93	142	149330	45.190	ug/l	100
11) Tert butyl alcohol	4.75	59	141542	264.786	ug/l	100
12) 1,1-Dichloroethene	3.72	96	129206	52.078	ug/l	100
13) Acrolein	3.59	56	67689	242.579	ug/l	100
14) Allyl chloride	4.30	41	300806	53.231	ug/l	100
15) Acrylonitrile	4.96	53	383944	279.832	ug/l	100
16) Acetone	3.79	43	386058	234.641	ug/l	100
17) Carbon Disulfide	4.03	76	302060	52.025	ug/l	100
18) Methyl Acetate	4.30	43	206914	48.169	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	549843	53.067	ug/l	100
20) Methylene Chloride	4.53	84	165406	52.021	ug/l	100
21) trans-1,2-Dichloroethene	5.02	96	139306	51.957	ug/l	100
22) Diisopropyl ether	5.93	45	626656	51.884	ug/l	100
23) Vinyl Acetate	5.87	43	2701899	297.250	ug/l	100
24) 1,1-Dichloroethane	5.83	63	322272	52.757	ug/l	100
25) 2-Butanone	6.81	43	572673	263.367	ug/l	100
26) 2,2-Dichloropropane	6.80	77	280163	52.031	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	171882	53.286	ug/l	100
28) Bromochloromethane	7.18	49	154144	48.124	ug/l	100
29) Tetrahydrofuran	7.19	42	363361	274.130	ug/l	100
30) Chloroform	7.36	83	334767	51.596	ug/l	100
31) Cyclohexane	7.64	56	271849	50.568	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	286679	53.252	ug/l	100
36) 1,1-Dichloropropene	7.78	75	226491	52.090	ug/l	100
37) Ethyl Acetate	6.91	43	241555	54.472	ug/l	100
38) Carbon Tetrachloride	7.76	117	231458	52.184	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057705.D
 Acq On : 5 Sep 2019 18:54
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 1:10:32 PM

Quant Time: Sep 06 03:25:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 02:20:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	249096	51.598	ug/l	100
40) Benzene	8.03	78	654441	51.745	ug/l	100
41) Methacrylonitrile	7.15	41	110974	59.983	ug/l	100
42) 1,2-Dichloroethane	8.11	62	308637	53.036	ug/l	100
43) Isopropyl Acetate	8.15	43	441660	54.215	ug/l	100
44) Trichloroethene	8.83	130	152545	50.388	ug/l	100
45) 1,2-Dichloropropane	9.11	63	188345	53.314	ug/l	100
46) Dibromomethane	9.20	93	121050	52.607	ug/l	100
47) Bromodichloromethane	9.40	83	260936	54.813	ug/l	100
48) Methyl methacrylate	9.19	41	224960	57.196	ug/l	100
49) 1,4-Dioxane	9.19	88	55431	995.376	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	1278641	284.405	ug/l	100
52) Toluene	10.15	92	399833	51.039	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	268320	55.125	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	285384	53.741	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	161986	51.904	ug/l	100
56) Ethyl methacrylate	10.43	69	264813	55.204	ug/l	100
57) 1,3-Dichloropropane	10.70	76	285360	51.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	677767	397.584	ug/l	100
59) 2-Hexanone	10.75	43	910716	288.966	ug/l	100
60) Dibromochloromethane	10.90	129	167919	54.825	ug/l	100
61) 1,2-Dibromoethane	11.00	107	160878	52.644	ug/l	100
64) Tetrachloroethene	10.63	164	123360	43.965	ug/l	100
65) Chlorobenzene	11.43	112	416613	50.669	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153438	51.346	ug/l	100
67) Ethyl Benzene	11.51	91	829383	52.838	ug/l	100
68) m/p-Xylenes	11.62	106	574118	106.176	ug/l	100
69) o-Xylene	11.95	106	281736	52.286	ug/l	100
70) Styrene	11.96	104	490129	57.096	ug/l	100
71) Bromoform	12.13	173	101632	54.400	ug/l #	100
73) Isopropylbenzene	12.25	105	798953	37.165	ug/l	100
74) N-amyl acetate	12.07	43	406128	45.466	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	237577	40.769	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	195436m	39.703	ug/l	
77) Bromobenzene	12.53	156	172721	37.653	ug/l	100
78) n-propylbenzene	12.59	91	966122	41.197	ug/l	100
79) 2-Chlorotoluene	12.68	91	571732	39.517	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	677405	38.714	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	67175	46.488	ug/l	100
82) 4-Chlorotoluene	12.77	91	593094	43.272	ug/l	100
83) tert-Butylbenzene	12.99	119	563571	36.593	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	684184	42.700	ug/l	100
85) sec-Butylbenzene	13.17	105	785879	40.534	ug/l	100
86) p-Isopropyltoluene	13.29	119	680505	42.558	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	317437	50.275	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	316188	49.177	ug/l	100
89) n-Butylbenzene	13.62	91	670059	47.976	ug/l	100
90) Hexachloroethane	13.88	117	111158	39.067	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	318769	53.106	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	50240	58.482	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
Data File : VN057705.D
Acq On : 5 Sep 2019 18:54
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/9/2019 1:10:32 PM

Quant Time: Sep 06 03:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 02:20:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	196697	89.530	ug/l	100
94) Hexachlorobutadiene	15.01	225	93745	38.580	ug/l	100
95) Naphthalene	15.13	128	562898	97.650	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	185885	90.598	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
Data File : VN057705.D
Acq On : 5 Sep 2019 18:54
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/9/2019 1:10:32 PM

Quant Time: Sep 06 03:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 02:20:36 2019
Response via : Initial Calibration

