

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050535.D
 Acq On : 10 Aug 2018 23:13
 Operator : MD\SY
 Sample : VN0810WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:05:56 AM

Quant Time: Aug 11 05:35:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	589086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891545	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	799232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402946	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	394881	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.34%		
35) Dibromofluoromethane	7.59	113	360620	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.82%		
50) Toluene-d8	10.09	98	1315347	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.80%		
62) 4-Bromofluorobenzene	12.40	95	427231	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.22%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	122726	18.77	ug/l	99
3) Chloromethane	2.06	50	155864	19.27	ug/l	98
4) Vinyl Chloride	2.18	62	163603	19.33	ug/l	97
5) Bromomethane	2.56	94	92167	22.55	ug/l	99
6) Chloroethane	2.70	64	101492	19.46	ug/l	97
7) Trichlorofluoromethane	3.01	101	220820	20.20	ug/l	99
8) Diethyl Ether	3.41	74	77174	19.25	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	135729	20.09	ug/l	99
10) Methyl Iodide	3.95	142	71036	23.87	ug/l	100
11) Tert butyl alcohol	4.80	59	48425	76.59	ug/l	99
12) 1,1-Dichloroethene	3.74	96	121753	19.12	ug/l	97
13) Acrolein	3.61	56	34801	54.79	ug/l	100
14) Allyl chloride	4.33	41	188432	18.42	ug/l	97
15) Acrylonitrile	4.99	53	240286	90.73	ug/l	99
16) Acetone	3.82	43	210228	89.33	ug/l	98
17) Carbon Disulfide	4.05	76	358759	17.32	ug/l	100
18) Methyl Acetate	4.33	43	128444	20.95	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	342152	18.93	ug/l	99
20) Methylene Chloride	4.55	84	147619	19.62	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	133714	19.40	ug/l	98
22) Diisopropyl ether	5.96	45	432737	20.71	ug/l	97
23) Vinyl Acetate	5.90	43	1406757	94.37	ug/l	99
24) 1,1-Dichloroethane	5.85	63	259414	20.24	ug/l	99
25) 2-Butanone	6.84	43	337232	86.47	ug/l	98
26) 2,2-Dichloropropane	6.83	77	160316	15.17	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	152990	20.03	ug/l	98
28) Bromochloromethane	7.20	49	128400	21.76	ug/l	99
29) Tetrahydrofuran	7.22	42	177135	84.85	ug/l	99
30) Chloroform	7.37	83	265146	20.69	ug/l	98
31) Cyclohexane	7.66	56	213740	18.55	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	222586	20.22	ug/l	100
36) 1,1-Dichloropropene	7.80	75	192629	19.66	ug/l	99
37) Ethyl Acetate	6.93	43	124421	17.64	ug/l	98
38) Carbon Tetrachloride	7.78	117	195460	19.13	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050535.D
 Acq On : 10 Aug 2018 23:13
 Operator : MD\SY
 Sample : VN0810WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:05:56 AM

Quant Time: Aug 11 05:35:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	186163	17.41	ug/l	98
40) Benzene	8.05	78	592816	19.68	ug/l	100
41) Methacrylonitrile	7.18	41	61487	16.39	ug/l	89
42) 1,2-Dichloroethane	8.13	62	185702	19.42	ug/l	100
43) Isopropyl Acetate	8.17	43	225286	18.50	ug/l #	88
44) Trichloroethene	8.84	130	155362	19.20	ug/l	100
45) 1,2-Dichloropropane	9.12	63	158134	19.97	ug/l	100
46) Dibromomethane	9.21	93	92406	18.90	ug/l	97
47) Bromodichloromethane	9.40	83	197053	19.46	ug/l	100
48) Methyl methacrylate	9.20	41	104513	17.12	ug/l	98
49) 1,4-Dioxane	9.20	88	28265	300.43	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	770102	87.81	ug/l	99
52) Toluene	10.16	92	358571	19.82	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	181382	17.84	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	214313	18.89	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	136951	19.39	ug/l	99
56) Ethyl methacrylate	10.43	69	160618	17.23	ug/l	97
57) 1,3-Dichloropropane	10.71	76	225128	19.42	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	381514	86.87	ug/l	100
59) 2-Hexanone	10.75	43	495957	81.03	ug/l	99
60) Dibromochloromethane	10.90	129	147054	18.90	ug/l	99
61) 1,2-Dibromoethane	11.01	107	129331	18.58	ug/l	97
64) Tetrachloroethene	10.63	164	149038	19.96	ug/l	99
65) Chlorobenzene	11.44	112	387308	19.33	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	147880	20.28	ug/l	100
67) Ethyl Benzene	11.51	91	633815	19.57	ug/l	99
68) m/p-Xylenes	11.62	106	496531	40.27	ug/l	100
69) o-Xylene	11.95	106	234177	19.72	ug/l	99
70) Styrene	11.97	104	386581	20.01	ug/l	100
71) Bromoform	12.13	173	99513	18.67	ug/l #	100
73) Isopropylbenzene	12.25	105	624256	20.64	ug/l	100
74) N-amyl acetate	12.07	43	171777	17.52	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	170885	19.58	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	145027m	19.88	ug/l	
77) Bromobenzene	12.53	156	166130	20.50	ug/l	99
78) n-propylbenzene	12.59	91	702761	20.53	ug/l	99
79) 2-Chlorotoluene	12.68	91	436557	20.65	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	513824	20.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	34047	16.40	ug/l	97
82) 4-Chlorotoluene	12.77	91	441127	20.92	ug/l	99
83) tert-Butylbenzene	12.99	119	432148	20.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	525122	21.11	ug/l	100
85) sec-Butylbenzene	13.17	105	572176	20.04	ug/l	99
86) p-Isopropyltoluene	13.29	119	488977	19.99	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	287829	19.94	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	278105	19.30	ug/l	97
89) n-Butylbenzene	13.62	91	373028	17.91	ug/l	99
90) Hexachloroethane	13.88	117	83309	19.15	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	283651	19.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24487	16.53	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
Data File : VN050535.D
Acq On : 10 Aug 2018 23:13
Operator : MD\SY
Sample : VN0810WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD02

Manual Integrations
APPROVED

MMDadoda
8/13/2018 11:05:56 AM

Quant Time: Aug 11 05:35:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	128518	17.44	ug/l	97
94) Hexachlorobutadiene	15.01	225	85466	20.25	ug/l	97
95) Naphthalene	15.14	128	264931	16.22	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	129164	17.34	ug/l	98

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

