

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056730.D
 Acq On : 15 Jul 2019 23:01
 Operator : JC/SP
 Sample : VN0715WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0715WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:31:50 AM

Quant Time: Jul 16 05:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	334721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	522188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	466699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	206047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	185241	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	162857	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.09	98	627615	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.40	95	210806	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	58487	18.609	ug/l	98
3) Chloromethane	2.06	50	77700	18.388	ug/l	99
4) Vinyl Chloride	2.18	62	78249	19.230	ug/l	100
5) Bromomethane	2.57	94	49533	20.700	ug/l	98
6) Chloroethane	2.70	64	44124	18.608	ug/l	97
7) Trichlorofluoromethane	3.01	101	100477	19.243	ug/l	96
8) Diethyl Ether	3.41	74	40177	19.736	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	60404	19.255	ug/l	99
10) Methyl Iodide	3.95	142	70196	16.730	ug/l	99
11) Tert butyl alcohol	4.80	59	58003	94.118	ug/l	100
12) 1,1-Dichloroethene	3.73	96	61256	19.467	ug/l	99
13) Acrolein	3.61	56	17441	89.993	ug/l	98
14) Allyl chloride	4.32	41	99948	18.367	ug/l	98
15) Acrylonitrile	4.99	53	174104	97.827	ug/l	99
16) Acetone	3.82	43	135682	79.523	ug/l	99
17) Carbon Disulfide	4.05	76	157831	18.981	ug/l	97
18) Methyl Acetate	4.33	43	88933	22.676	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	190753	19.026	ug/l	97
20) Methylene Chloride	4.55	84	71744	19.242	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	67312	20.238	ug/l	96
22) Diisopropyl ether	5.95	45	212874	19.819	ug/l	95
23) Vinyl Acetate	5.90	43	797681	91.647	ug/l	100
24) 1,1-Dichloroethane	5.85	63	121243	19.470	ug/l	99
25) 2-Butanone	6.84	43	224963	90.185	ug/l	99
26) 2,2-Dichloropropane	6.83	77	70066	15.604	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	77236	20.181	ug/l	97
28) Bromochloromethane	7.20	49	60559	20.683	ug/l	100
29) Tetrahydrofuran	7.21	42	158906	97.670	ug/l	99
30) Chloroform	7.37	83	119714	19.211	ug/l	99
31) Cyclohexane	7.65	56	117035	19.773	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	98703	20.028	ug/l	99
36) 1,1-Dichloropropene	7.80	75	92907	19.227	ug/l	99
37) Ethyl Acetate	6.93	43	90126	18.924	ug/l	99
38) Carbon Tetrachloride	7.78	117	85461	18.859	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056730.D
 Acq On : 15 Jul 2019 23:01
 Operator : JC/SP
 Sample : VN0715WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0715WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:31:50 AM

Quant Time: Jul 16 05:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	110236	18.476	ug/l	98
40) Benzene	8.04	78	283545	19.151	ug/l	99
41) Methacrylonitrile	7.18	41	43485	20.787	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	91530	19.560	ug/l	100
43) Isopropyl Acetate	8.17	43	139830	18.676	ug/l	93
44) Trichloroethene	8.84	130	77664	19.316	ug/l	94
45) 1,2-Dichloropropane	9.12	63	75826	19.274	ug/l	95
46) Dibromomethane	9.21	93	48550	19.914	ug/l	100
47) Bromodichloromethane	9.40	83	88197	19.037	ug/l	100
48) Methyl methacrylate	9.20	41	69674	19.242	ug/l	99
49) 1,4-Dioxane	9.20	88	24981	336.236	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	460170	94.895	ug/l	100
52) Toluene	10.16	92	176907	20.119	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	89705	18.559	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	102889	18.344	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	71387	19.356	ug/l	98
56) Ethyl methacrylate	10.43	69	103094	19.428	ug/l	99
57) 1,3-Dichloropropane	10.71	76	117998	19.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	246043	96.420	ug/l	100
59) 2-Hexanone	10.75	43	330847	95.084	ug/l	100
60) Dibromochloromethane	10.90	129	71150	19.616	ug/l	100
61) 1,2-Dibromoethane	11.00	107	72577	19.802	ug/l	98
64) Tetrachloroethene	10.63	164	77361	19.214	ug/l	96
65) Chlorobenzene	11.43	112	184808	19.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	67233	19.135	ug/l	97
67) Ethyl Benzene	11.51	91	325712	19.422	ug/l	100
68) m/p-Xylenes	11.62	106	243723	38.886	ug/l	100
69) o-Xylene	11.95	106	116468	18.902	ug/l	98
70) Styrene	11.96	104	195777	19.653	ug/l	100
71) Bromoform	12.13	173	50373	18.843	ug/l #	99
73) Isopropylbenzene	12.25	105	311474	18.748	ug/l	99
74) N-amyl acetate	12.07	43	102998	16.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	99237	19.440	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	88196m	19.571	ug/l	
77) Bromobenzene	12.53	156	82433	18.970	ug/l	97
78) n-propylbenzene	12.59	91	345463	18.730	ug/l	99
79) 2-Chlorotoluene	12.67	91	207346	19.337	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	263816	18.736	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	24261	16.626	ug/l	96
82) 4-Chlorotoluene	12.77	91	206024	19.034	ug/l	100
83) tert-Butylbenzene	12.99	119	222256	19.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	261460	19.007	ug/l	99
85) sec-Butylbenzene	13.17	105	293791	18.777	ug/l	100
86) p-Isopropyltoluene	13.29	119	267701	18.887	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	134178	18.841	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	132078	19.067	ug/l	99
89) n-Butylbenzene	13.61	91	217176	19.022	ug/l	100
90) Hexachloroethane	13.87	117	39824	17.374	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	135676	18.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	17004	19.087	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
Data File : VN056730.D
Acq On : 15 Jul 2019 23:01
Operator : JC/SP
Sample : VN0715WBSD02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0715WBSD02

Manual Integrations
APPROVED

MMDadoda
7/17/2019 1:31:50 AM

Quant Time: Jul 16 05:34:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	69310	19.645	ug/l	98
94) Hexachlorobutadiene	15.01	225	46259	19.425	ug/l	99
95) Naphthalene	15.13	128	182498	19.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	74025	20.621	ug/l	99

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

