

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051517.D
 Acq On : 26 Sep 2018 6:14
 Operator : MD\SY
 Sample : VN0926WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Manual Integrations
 APPROVED

mmdadoda
 9/30/2018 9:54:37 AM

Quant Time: Sep 26 08:26:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	471877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	695932	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	613485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	304353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	321060	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
35) Dibromofluoromethane	7.59	113	287354	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.09	98	1034719	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	324407	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	80438	18.271	ug/l	99
3) Chloromethane	2.06	50	136445	19.470	ug/l	96
4) Vinyl Chloride	2.18	62	148686	19.223	ug/l	100
5) Bromomethane	2.56	94	72433	15.667	ug/l	99
6) Chloroethane	2.70	64	96720	20.068	ug/l	96
7) Trichlorofluoromethane	3.01	101	195364	19.283	ug/l	97
8) Diethyl Ether	3.41	74	59947	17.044	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	102609	17.945	ug/l	95
10) Methyl Iodide	3.95	142	95732	12.810	ug/l	98
11) Tert butyl alcohol	4.79	59	36746	110.147	ug/l #	78
12) 1,1-Dichloroethene	3.74	96	92091	17.541	ug/l	97
13) Acrolein	3.61	56	26475	79.919	ug/l	93
14) Allyl chloride	4.33	41	159577	18.116	ug/l	99
15) Acrylonitrile	4.99	53	185841	102.404	ug/l	100
16) Acetone	3.82	43	131534	84.175	ug/l	98
17) Carbon Disulfide	4.05	76	262578	17.023	ug/l	99
18) Methyl Acetate	4.33	43	103351	22.957	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	273064	20.169	ug/l	100
20) Methylene Chloride	4.55	84	117632	20.110	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	100290	18.673	ug/l	93
22) Diisopropyl ether	5.96	45	369208	21.684	ug/l	99
23) Vinyl Acetate	5.90	43	1123025	100.463	ug/l	99
24) 1,1-Dichloroethane	5.85	63	215060	21.169	ug/l	99
25) 2-Butanone	6.84	43	203857	100.759	ug/l	99
26) 2,2-Dichloropropane	6.83	77	121045	15.264	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	117688	19.970	ug/l	99
28) Bromochloromethane	7.20	49	99644	21.239	ug/l	99
29) Tetrahydrofuran	7.22	42	144135	112.417	ug/l	97
30) Chloroform	7.37	83	214436	21.302	ug/l	97
31) Cyclohexane	7.66	56	173282	18.617	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	182081	21.158	ug/l	99
36) 1,1-Dichloropropene	7.80	75	153015	18.987	ug/l	97
37) Ethyl Acetate	6.93	43	98275	21.209	ug/l	97
38) Carbon Tetrachloride	7.78	117	162371	19.263	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051517.D
 Acq On : 26 Sep 2018 6:14
 Operator : MD\SY
 Sample : VN0926WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBS02

Manual Integrations
 APPROVED

mmdadoda
 9/30/2018 9:54:37 AM

Quant Time: Sep 26 08:26:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	158530	16.827	ug/l	97
40) Benzene	8.04	78	465360	19.666	ug/l	98
41) Methacrylonitrile	7.18	41	47724	18.617	ug/l	94
42) 1,2-Dichloroethane	8.13	62	154580	20.401	ug/l	99
43) Isopropyl Acetate	8.17	43	179761	21.454	ug/l	95
44) Trichloroethene	8.84	130	120320	19.144	ug/l	99
45) 1,2-Dichloropropane	9.12	63	131320	20.416	ug/l	99
46) Dibromomethane	9.21	93	74035	20.370	ug/l	96
47) Bromodichloromethane	9.40	83	162699	20.229	ug/l	98
48) Methyl methacrylate	9.20	41	81862	19.596	ug/l	99
49) 1,4-Dioxane	9.20	88	20867	407.586	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	478171	103.768	ug/l	98
52) Toluene	10.16	92	281236	19.124	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	145372	17.903	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	171792	18.244	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	104869	20.178	ug/l	98
56) Ethyl methacrylate	10.43	69	120276	18.928	ug/l	97
57) 1,3-Dichloropropane	10.71	76	176951	19.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	307711	102.561	ug/l	99
59) 2-Hexanone	10.75	43	289678	96.972	ug/l	96
60) Dibromochloromethane	10.90	129	118076	19.255	ug/l	99
61) 1,2-Dibromoethane	11.01	107	98890	19.601	ug/l	98
64) Tetrachloroethene	10.63	164	114516	20.568	ug/l	98
65) Chlorobenzene	11.43	112	300221	19.074	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	120027	20.015	ug/l	99
67) Ethyl Benzene	11.51	91	488427	18.413	ug/l	99
68) m/p-Xylenes	11.62	106	383302	37.357	ug/l	99
69) o-Xylene	11.95	106	180980	18.348	ug/l	97
70) Styrene	11.96	104	288049	18.429	ug/l	99
71) Bromoform	12.13	173	79224	19.470	ug/l #	98
73) Isopropylbenzene	12.25	105	487125	18.969	ug/l	100
74) N-amyl acetate	12.07	43	128308	19.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	125522	20.962	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	104015m	20.587	ug/l	
77) Bromobenzene	12.53	156	125233	19.264	ug/l	97
78) n-propylbenzene	12.59	91	548543	18.954	ug/l	99
79) 2-Chlorotoluene	12.68	91	336261	19.410	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	401470	19.173	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	27678	16.845	ug/l	96
82) 4-Chlorotoluene	12.77	91	328457	18.996	ug/l	99
83) tert-Butylbenzene	12.99	119	360045	19.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	409084	19.388	ug/l	99
85) sec-Butylbenzene	13.17	105	483888	19.191	ug/l	99
86) p-Isopropyltoluene	13.29	119	405858	18.603	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	214179	19.039	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	203712	18.820	ug/l	99
89) n-Butylbenzene	13.62	91	307789	17.156	ug/l	99
90) Hexachloroethane	13.87	117	84150	19.358	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	208413	19.094	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18166	21.257	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
Data File : VN051517.D
Acq On : 26 Sep 2018 6:14
Operator : MD\SY
Sample : VN0926WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBS02

Manual Integrations
APPROVED

mmdadoda
9/30/2018 9:54:37 AM

Quant Time: Sep 26 08:26:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	84567	18.633	ug/l	99
94) Hexachlorobutadiene	15.01	225	74763	18.103	ug/l	100
95) Naphthalene	15.13	128	143289	18.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	90337	17.246	ug/l	99

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

