

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052667.D
 Acq On : 5 Dec 2018 11:06
 Operator : MD\SY
 Sample : VN1205WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/6/2018 9:08:57 AM

Quant Time: Dec 06 04:47:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	974392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1480812	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1315801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	599088	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	550562	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.59	113	496247	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
50) Toluene-d8	10.09	98	1886922	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.40	95	641014	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	161353	17.685	ug/l	98
3) Chloromethane	2.06	50	204743	17.001	ug/l	99
4) Vinyl Chloride	2.19	62	218652	17.674	ug/l	98
5) Bromomethane	2.57	94	136612	17.698	ug/l	96
6) Chloroethane	2.71	64	133549	17.822	ug/l	100
7) Trichlorofluoromethane	3.02	101	288363	18.976	ug/l	99
8) Diethyl Ether	3.41	74	109384	19.492	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	186128	19.629	ug/l	98
10) Methyl Iodide	3.96	142	254381	20.142	ug/l	99
11) Tert butyl alcohol	4.78	59	56094	105.612	ug/l #	91
12) 1,1-Dichloroethene	3.74	96	168198	18.428	ug/l	96
13) Acrolein	3.61	56	72094	78.099	ug/l	99
14) Allyl chloride	4.33	41	293643	18.666	ug/l	98
15) Acrylonitrile	4.99	53	330066	98.171	ug/l	99
16) Acetone	3.82	43	293568	104.909	ug/l	100
17) Carbon Disulfide	4.06	76	469352	16.340	ug/l	100
18) Methyl Acetate	4.33	43	167739	20.897	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	479451	19.743	ug/l	100
20) Methylene Chloride	4.55	84	199870	18.252	ug/l	100
21) trans-1,2-Dichloroethene	5.04	96	181650	18.634	ug/l	97
22) Diisopropyl ether	5.95	45	634295	19.195	ug/l	96
23) Vinyl Acetate	5.90	43	1951769	94.831	ug/l	99
24) 1,1-Dichloroethane	5.85	63	362257	19.201	ug/l	99
25) 2-Butanone	6.83	43	394887	99.560	ug/l	97
26) 2,2-Dichloropropane	6.82	77	264343	20.242	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	215986	19.020	ug/l	99
28) Bromochloromethane	7.19	49	166726	19.347	ug/l	97
29) Tetrahydrofuran	7.21	42	240669	94.075	ug/l	97
30) Chloroform	7.37	83	354057	18.809	ug/l	96
31) Cyclohexane	7.65	56	335414	18.135	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	292365	19.603	ug/l	99
36) 1,1-Dichloropropene	7.80	75	271848	19.440	ug/l	99
37) Ethyl Acetate	6.93	43	162553	19.047	ug/l	99
38) Carbon Tetrachloride	7.77	117	252550	19.950	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052667.D
 Acq On : 5 Dec 2018 11:06
 Operator : MD\SY
 Sample : VN1205WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/6/2018 9:08:57 AM

Quant Time: Dec 06 04:47:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	327119	19.246	ug/l	99
40) Benzene	8.04	78	819214	19.658	ug/l	99
41) Methacrylonitrile	7.17	41	79746	17.092	ug/l #	87
42) 1,2-Dichloroethane	8.12	62	249645	19.784	ug/l	99
43) Isopropyl Acetate	8.16	43	302975	20.978	ug/l	98
44) Trichloroethene	8.83	130	213670	20.016	ug/l	99
45) 1,2-Dichloropropane	9.12	63	220549	19.906	ug/l	99
46) Dibromomethane	9.21	93	125120	20.399	ug/l	99
47) Bromodichloromethane	9.40	83	268009	20.098	ug/l	98
48) Methyl methacrylate	9.20	41	148365	19.701	ug/l	99
49) 1,4-Dioxane	9.20	88	34517	441.646	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	832318	102.715	ug/l	100
52) Toluene	10.16	92	497986	20.112	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	260698	20.321	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	308163	20.045	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	182347	20.936	ug/l	95
56) Ethyl methacrylate	10.43	69	223102	20.147	ug/l	99
57) 1,3-Dichloropropane	10.71	76	307036	19.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	648766	102.655	ug/l	98
59) 2-Hexanone	10.75	43	572890	105.340	ug/l	99
60) Dibromochloromethane	10.90	129	197262	20.853	ug/l	98
61) 1,2-Dibromoethane	11.01	107	175586	20.298	ug/l	100
64) Tetrachloroethene	10.63	164	212307	20.811	ug/l	99
65) Chlorobenzene	11.43	112	539569	19.887	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	194982	20.668	ug/l	100
67) Ethyl Benzene	11.51	91	949560	19.986	ug/l	100
68) m/p-Xylenes	11.62	106	718550	40.624	ug/l	99
69) o-Xylene	11.95	106	348793	20.307	ug/l	100
70) Styrene	11.96	104	560980	20.505	ug/l	99
71) Bromoform	12.13	173	131635	21.074	ug/l #	100
73) Isopropylbenzene	12.25	105	938351	19.964	ug/l	99
74) N-amyl acetate	12.07	43	231826	19.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	215540	20.159	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	176637m	19.120	ug/l	
77) Bromobenzene	12.53	156	229342	19.741	ug/l	99
78) n-propylbenzene	12.59	91	1077189	20.173	ug/l	100
79) 2-Chlorotoluene	12.68	91	632620	19.895	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	767121	20.464	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54442	19.680	ug/l	99
82) 4-Chlorotoluene	12.77	91	639961	19.969	ug/l	100
83) tert-Butylbenzene	12.99	119	678002	20.288	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	766764	20.410	ug/l	100
85) sec-Butylbenzene	13.17	105	929245	20.415	ug/l	100
86) p-Isopropyltoluene	13.29	119	797995	20.583	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	410168	20.184	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	399147	19.940	ug/l	99
89) n-Butylbenzene	13.62	91	654635	20.304	ug/l	100
90) Hexachloroethane	13.88	117	132274	20.150	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	398447	20.522	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30852	20.175	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
Data File : VN052667.D
Acq On : 5 Dec 2018 11:06
Operator : MD\SY
Sample : VN1205WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBS01

Manual Integrations
APPROVED

MMDadoda
12/6/2018 9:08:57 AM

Quant Time: Dec 06 04:47:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	189986	19.681	ug/l	99
94) Hexachlorobutadiene	15.01	225	131981	21.130	ug/l	99
95) Naphthalene	15.13	128	380173	19.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	181520	20.277	ug/l	99

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

