

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050257.D
 Acq On : 2 Aug 2018 12:24
 Operator : MD\SY
 Sample : VN0802WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0802WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:06 AM

Quant Time: Aug 02 15:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	701856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1007298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	483116	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	477374	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	427833	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	10.09	98	1587557	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.40	95	533145	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	208629	20.688	ug/l	97
3) Chloromethane	2.06	50	194757	17.767	ug/l	99
4) Vinyl Chloride	2.18	62	214939	18.619	ug/l	97
5) Bromomethane	2.56	94	70944	10.270	ug/l	95
6) Chloroethane	2.70	64	128692	18.563	ug/l	100
7) Trichlorofluoromethane	3.01	101	298292	19.947	ug/l	98
8) Diethyl Ether	3.41	74	104633	20.988	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	189650	21.089	ug/l	100
10) Methyl Iodide	3.95	142	83920	7.271	ug/l	99
11) Tert butyl alcohol	4.80	59	80438	111.639	ug/l	100
12) 1,1-Dichloroethene	3.73	96	159441	19.710	ug/l	99
13) Acrolein	3.61	56	67847	117.200	ug/l	95
14) Allyl chloride	4.32	41	259127	20.659	ug/l	99
15) Acrylonitrile	4.99	53	339833	108.106	ug/l	99
16) Acetone	3.82	43	291936	124.383	ug/l	98
17) Carbon Disulfide	4.05	76	429946	17.349	ug/l	99
18) Methyl Acetate	4.33	43	235286	25.425	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	474480	22.010	ug/l	99
20) Methylene Chloride	4.55	84	191080	21.287	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	170865	19.934	ug/l	97
22) Diisopropyl ether	5.96	45	569493	22.898	ug/l	98
23) Vinyl Acetate	5.90	43	1806919	102.806	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339483	20.874	ug/l	100
25) 2-Butanone	6.84	43	417720	111.835	ug/l	97
26) 2,2-Dichloropropane	6.82	77	281864	22.782	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	196627	21.310	ug/l	99
28) Bromochloromethane	7.19	49	156103	21.044	ug/l	99
29) Tetrahydrofuran	7.21	42	264114	109.427	ug/l	99
30) Chloroform	7.37	83	349486	21.058	ug/l	98
31) Cyclohexane	7.65	56	271320	20.075	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	297037	20.924	ug/l	100
36) 1,1-Dichloropropene	7.79	75	250212	22.048	ug/l	100
37) Ethyl Acetate	6.93	43	172720	21.829	ug/l	100
38) Carbon Tetrachloride	7.77	117	260141	21.603	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050257.D
 Acq On : 2 Aug 2018 12:24
 Operator : MD\SY
 Sample : VN0802WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0802WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/3/2018 9:36:06 AM

Quant Time: Aug 02 15:20:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	251932	21.579	ug/l	96
40) Benzene	8.04	78	756301	21.901	ug/l	98
41) Methacrylonitrile	7.18	41	86663	22.622	ug/l	88
42) 1,2-Dichloroethane	8.13	62	248187	21.542	ug/l	100
43) Isopropyl Acetate	8.17	43	331796	21.605	ug/l #	91
44) Trichloroethene	8.84	130	197677	21.303	ug/l	99
45) 1,2-Dichloropropane	9.12	63	205542	22.472	ug/l	97
46) Dibromomethane	9.21	93	125039	22.016	ug/l	99
47) Bromodichloromethane	9.40	83	265556	22.154	ug/l	99
48) Methyl methacrylate	9.20	41	155243	22.782	ug/l	99
49) 1,4-Dioxane	9.20	88	46291	499.173	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	916105	117.778	ug/l	99
52) Toluene	10.16	92	472479	23.178	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	259832	22.971	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	294753	22.801	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	185303	22.918	ug/l	99
56) Ethyl methacrylate	10.43	69	223773	21.631	ug/l	100
57) 1,3-Dichloropropane	10.71	76	302153	22.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	442028	91.962	ug/l	99
59) 2-Hexanone	10.75	43	631743	113.418	ug/l	98
60) Dibromochloromethane	10.90	129	204701	22.866	ug/l	99
61) 1,2-Dibromoethane	11.01	107	178433	22.242	ug/l	99
64) Tetrachloroethene	10.63	164	187181	21.005	ug/l	99
65) Chlorobenzene	11.44	112	511720	21.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	197579	21.963	ug/l	99
67) Ethyl Benzene	11.51	91	860058	22.868	ug/l	99
68) m/p-Xylenes	11.62	106	674904	47.442	ug/l	99
69) o-Xylene	11.95	106	321041	23.673	ug/l	98
70) Styrene	11.97	104	514761	21.872	ug/l	100
71) Bromoform	12.13	173	147307	22.510	ug/l #	100
73) Isopropylbenzene	12.25	105	862029	23.007	ug/l	100
74) N-amyl acetate	12.07	43	248932	21.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	240456	23.075	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	186572m	20.780	ug/l	
77) Bromobenzene	12.53	156	224155	21.585	ug/l	99
78) n-propylbenzene	12.59	91	992348	23.695	ug/l	100
79) 2-Chlorotoluene	12.68	91	595481	22.941	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	710528	24.108	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	62442	22.059	ug/l	99
82) 4-Chlorotoluene	12.77	91	608770	23.683	ug/l	100
83) tert-Butylbenzene	12.99	119	611919	23.792	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	737973	24.842	ug/l	98
85) sec-Butylbenzene	13.17	105	828958	24.122	ug/l	100
86) p-Isopropyltoluene	13.29	119	717245	24.769	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	388021	22.041	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	381165	22.214	ug/l	99
89) n-Butylbenzene	13.62	91	556443	23.368	ug/l	100
90) Hexachloroethane	13.88	117	136206	21.183	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	383361	21.785	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36633	21.480	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
Data File : VN050257.D
Acq On : 2 Aug 2018 12:24
Operator : MD\SY
Sample : VN0802WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0802WBS01

Manual Integrations
APPROVED

MMDadoda
8/3/2018 9:36:06 AM

Quant Time: Aug 02 15:20:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	172389	20.417	ug/l	98
94) Hexachlorobutadiene	15.01	225	123188	22.866	ug/l	100
95) Naphthalene	15.14	128	354611	19.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	174583	20.564	ug/l	99

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

