

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049958.D
 Acq On : 20 Jul 2018 13:19
 Operator : MD\SY
 Sample : VN0720WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 2:04:00 PM

Quant Time: Jul 21 00:03:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	567519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	834286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	750310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	406760	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.59	113	362303	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.09	98	1327161	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	434902	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	100391	18.50	ug/l	97
3) Chloromethane	2.06	50	130527	16.85	ug/l	99
4) Vinyl Chloride	2.18	62	145995	17.67	ug/l	96
5) Bromomethane	2.57	94	89324	18.12	ug/l	100
6) Chloroethane	2.70	64	95283	17.66	ug/l	99
7) Trichlorofluoromethane	3.01	101	206258	18.16	ug/l	98
8) Diethyl Ether	3.41	74	73874	18.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.75	101	130449	18.63	ug/l	98
10) Methyl Iodide	3.95	142	130602	13.90	ug/l	98
11) Tert butyl alcohol	4.81	59	47702	85.84	ug/l	98
12) 1,1-Dichloroethene	3.73	96	113973	18.52	ug/l	98
13) Acrolein	3.60	56	23653	66.05	ug/l	96
14) Allyl chloride	4.32	41	179664	18.52	ug/l	97
15) Acrylonitrile	5.00	53	227558	93.11	ug/l	99
16) Acetone	3.82	43	187619	92.90	ug/l	100
17) Carbon Disulfide	4.05	76	291475	15.83	ug/l	99
18) Methyl Acetate	4.33	43	133646	20.57	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	329409	19.46	ug/l	98
20) Methylene Chloride	4.55	84	141061	18.37	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	120417	18.43	ug/l	99
22) Diisopropyl ether	5.95	45	405320	20.48	ug/l	96
23) Vinyl Acetate	5.90	43	1331842	95.90	ug/l	100
24) 1,1-Dichloroethane	5.85	63	246434	19.40	ug/l	100
25) 2-Butanone	6.84	43	272630	94.46	ug/l	100
26) 2,2-Dichloropropane	6.83	77	207199	20.96	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	141128	19.69	ug/l	99
28) Bromochloromethane	7.19	49	121834	21.23	ug/l	99
29) Tetrahydrofuran	7.22	42	167707	92.24	ug/l	100
30) Chloroform	7.37	83	255969	19.62	ug/l	100
31) Cyclohexane	7.65	56	189895	18.36	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	214025	18.98	ug/l	99
36) 1,1-Dichloropropene	7.79	75	177018	19.08	ug/l	99
37) Ethyl Acetate	6.93	43	118470	18.60	ug/l	99
38) Carbon Tetrachloride	7.77	117	187992	18.92	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049958.D
 Acq On : 20 Jul 2018 13:19
 Operator : MD\SY
 Sample : VN0720WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0720WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 2:04:00 PM

Quant Time: Jul 21 00:03:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	174688	18.23	ug/l	95
40) Benzene	8.04	78	554473	19.61	ug/l	99
41) Methacrylonitrile	7.18	41	56380	17.66	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	183022	19.54	ug/l	100
43) Isopropyl Acetate	8.17	43	230370	20.70	ug/l #	89
44) Trichloroethene	8.84	130	143704	19.38	ug/l	98
45) 1,2-Dichloropropane	9.12	63	148864	19.52	ug/l	99
46) Dibromomethane	9.21	93	90020	19.03	ug/l	99
47) Bromodichloromethane	9.40	83	192187	19.65	ug/l	96
48) Methyl methacrylate	9.20	41	102724	18.40	ug/l	98
49) 1,4-Dioxane	9.20	88	28980	365.95	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	596842	95.94	ug/l	99
52) Toluene	10.16	92	338359	20.06	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	188710	19.51	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	215057	20.12	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	131532	18.88	ug/l	98
56) Ethyl methacrylate	10.43	69	151024	17.60	ug/l	97
57) 1,3-Dichloropropane	10.71	76	214411	19.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	382311	93.29	ug/l	100
59) 2-Hexanone	10.75	43	400501	95.85	ug/l	98
60) Dibromochloromethane	10.90	129	146418	19.16	ug/l	98
61) 1,2-Dibromoethane	11.01	107	126692	19.46	ug/l	99
64) Tetrachloroethene	10.63	164	137522	20.40	ug/l	98
65) Chlorobenzene	11.43	112	375171	19.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	144204	19.75	ug/l	100
67) Ethyl Benzene	11.51	91	610563	19.96	ug/l	99
68) m/p-Xylenes	11.62	106	476973	41.20	ug/l	100
69) o-Xylene	11.95	106	224766	20.21	ug/l	100
70) Styrene	11.97	104	370998	20.60	ug/l	99
71) Bromoform	12.13	173	101378	19.41	ug/l #	99
73) Isopropylbenzene	12.25	105	610436	20.31	ug/l	100
74) N-amyl acetate	12.07	43	166917	18.25	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	167852	18.64	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	140201m	18.89	ug/l	
77) Bromobenzene	12.53	156	165197	19.91	ug/l	99
78) n-propylbenzene	12.59	91	707604	20.71	ug/l	100
79) 2-Chlorotoluene	12.68	91	432807	20.63	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	507252	21.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	43244	18.22	ug/l	95
82) 4-Chlorotoluene	12.77	91	435219	20.68	ug/l	100
83) tert-Butylbenzene	12.99	119	435357	20.58	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	515640	21.13	ug/l	100
85) sec-Butylbenzene	13.17	105	589933	21.10	ug/l	100
86) p-Isopropyltoluene	13.29	119	503911	21.15	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	288000	19.92	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	277881	19.17	ug/l	99
89) n-Butylbenzene	13.62	91	397158	20.18	ug/l	99
90) Hexachloroethane	13.88	117	99471	18.60	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	282614	19.88	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24821	17.84	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
Data File : VN049958.D
Acq On : 20 Jul 2018 13:19
Operator : MD\SY
Sample : VN0720WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0720WBS01

Manual Integrations
APPROVED

MMDadoda
7/23/2018 2:04:00 PM

Quant Time: Jul 21 00:03:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	124033	18.20	ug/l	97
94) Hexachlorobutadiene	15.01	225	90612	19.45	ug/l	98
95) Naphthalene	15.14	128	245395	16.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	128563	18.85	ug/l	98

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

