

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049571.D
 Acq On : 27 Jun 2018 14:48
 Operator : MD\SY
 Sample : VN0627WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:38:10 PM

Quant Time: Jun 28 01:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1701690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2597419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2310285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1190327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1102466	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	7.59	113	974130	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	10.09	98	3807509	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
62) 4-Bromofluorobenzene	12.40	95	1258882	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	390383	19.93	ug/l	99
3) Chloromethane	2.06	50	447494	17.69	ug/l	96
4) Vinyl Chloride	2.18	62	492400	18.32	ug/l	99
5) Bromomethane	2.56	94	234465	16.59	ug/l	96
6) Chloroethane	2.70	64	300457	18.75	ug/l	99
7) Trichlorofluoromethane	3.02	101	536789	16.01	ug/l	99
8) Diethyl Ether	3.41	74	219183	18.72	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.75	101	386918	18.19	ug/l	92
10) Methyl Iodide	3.95	142	519385	23.46	ug/l	91
11) Tert butyl alcohol	4.79	59	116045	87.60	ug/l	98
12) 1,1-Dichloroethene	3.74	96	361134	18.51	ug/l	90
13) Acrolein	3.61	56	140036	100.80	ug/l	99
14) Allyl chloride	4.32	41	478805	15.54	ug/l	89
15) Acrylonitrile	4.99	53	596937	90.12	ug/l	99
16) Acetone	3.82	43	452306	82.54	ug/l	94
17) Carbon Disulfide	4.05	76	1079996	17.66	ug/l	99
18) Methyl Acetate	4.33	43	532007	31.84	ug/l	94
19) Methyl tert-butyl Ether	5.05	73	958030	19.26	ug/l	96
20) Methylene Chloride	4.55	84	414204	18.10	ug/l	89
21) trans-1,2-Dichloroethene	5.04	96	378803	18.34	ug/l	93
22) Diisopropyl ether	5.95	45	1186403	19.28	ug/l	98
23) Vinyl Acetate	5.90	43	3847006	95.92	ug/l	96
24) 1,1-Dichloroethane	5.85	63	722947	18.36	ug/l	97
25) 2-Butanone	6.84	43	657706	89.38	ug/l	97
26) 2,2-Dichloropropane	6.82	77	589359	18.53	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	428509	18.66	ug/l	91
28) Bromochloromethane	7.20	49	331865	19.01	ug/l #	82
29) Tetrahydrofuran	7.22	42	442497	93.42	ug/l	93
30) Chloroform	7.37	83	729513	18.62	ug/l	99
31) Cyclohexane	7.65	56	659102	19.64	ug/l	92
32) 1,1,1-Trichloroethane	7.57	97	631493	18.89	ug/l	97
36) 1,1-Dichloropropene	7.79	75	555805	18.67	ug/l	98
37) Ethyl Acetate	6.93	43	315031	19.47	ug/l #	97
38) Carbon Tetrachloride	7.77	117	520754	16.90	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
 Data File : VN049571.D
 Acq On : 27 Jun 2018 14:48
 Operator : MD\SY
 Sample : VN0627WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:38:10 PM

Quant Time: Jun 28 01:44:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	606642	18.98	ug/l	95
40) Benzene	8.04	78	1654813	18.13	ug/l	98
41) Methacrylonitrile	7.18	41	172539	19.72	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	505245	17.92	ug/l	97
43) Isopropyl Acetate	8.17	43	773503	25.02	ug/l	95
44) Trichloroethene	8.84	130	504108	20.92	ug/l	93
45) 1,2-Dichloropropane	9.12	63	430852	18.03	ug/l	100
46) Dibromomethane	9.21	93	251477	18.15	ug/l	91
47) Bromodichloromethane	9.40	83	537801	17.66	ug/l	98
48) Methyl methacrylate	9.20	41	269720	18.52	ug/l #	86
49) 1,4-Dioxane	9.20	88	71674	356.64	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	1493217	92.14	ug/l	95
52) Toluene	10.16	92	1014056	18.93	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	511239	17.55	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	620999	18.06	ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	357961	17.93	ug/l	96
56) Ethyl methacrylate	10.43	69	445104	19.32	ug/l #	85
57) 1,3-Dichloropropane	10.71	76	601621	18.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	1039102	133.26	ug/l	94
59) 2-Hexanone	10.75	43	977883	93.59	ug/l	93
60) Dibromochloromethane	10.90	129	389824	17.49	ug/l	99
61) 1,2-Dibromoethane	11.01	107	349225	18.81	ug/l	99
64) Tetrachloroethene	10.63	164	568591	24.02	ug/l	98
65) Chlorobenzene	11.44	112	1095417	18.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	396172	17.69	ug/l	99
67) Ethyl Benzene	11.51	91	1859613	18.84	ug/l	98
68) m/p-Xylenes	11.62	106	1456488	39.31	ug/l	96
69) o-Xylene	11.95	106	691678	19.38	ug/l	97
70) Styrene	11.97	104	1119725	19.89	ug/l	98
71) Bromoform	12.13	173	255164	17.60	ug/l #	100
73) Isopropylbenzene	12.25	105	1803616	17.26	ug/l	97
74) N-amyl acetate	12.07	43	477687	18.66	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.51	83	387050	16.50	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	334282m	16.46	ug/l	
77) Bromobenzene	12.53	156	462584	16.76	ug/l	90
78) n-propylbenzene	12.59	91	2077448	18.10	ug/l	98
79) 2-Chlorotoluene	12.68	91	1262074	17.36	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	1543043	18.78	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	102563	15.96	ug/l	93
82) 4-Chlorotoluene	12.77	91	1284321	18.31	ug/l	97
83) tert-Butylbenzene	12.99	119	1274173	17.51	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1568677	19.22	ug/l	98
85) sec-Butylbenzene	13.17	105	1723538	17.79	ug/l	99
86) p-Isopropyltoluene	13.29	119	1512420	18.69	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	833208	18.35	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	808994	17.97	ug/l	99
89) n-Butylbenzene	13.62	91	1218053	19.27	ug/l	97
90) Hexachloroethane	13.88	117	131912	7.16	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	815766	18.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	63426	17.43	ug/l	86

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062718\
Data File : VN049571.D
Acq On : 27 Jun 2018 14:48
Operator : MD\SY
Sample : VN0627WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:38:10 PM

Quant Time: Jun 28 01:44:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	379590	21.57	ug/l	98
94) Hexachlorobutadiene	15.01	225	256658	17.96	ug/l	98
95) Naphthalene	15.14	128	779523	24.24	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	373318	20.87	ug/l	99

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

