

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049488.D
 Acq On : 22 Jun 2018 13:47
 Operator : MD\SY
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 4:23:20 PM

Quant Time: Jun 22 22:31:36 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	1406360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2036374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1841526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	871155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	838919	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	7.59	113	767752	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.09	98	2797295	44.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.18%	
62) 4-Bromofluorobenzene	12.40	95	936393	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	282779	17.47	ug/l	99
3) Chloromethane	2.06	50	357275	17.09	ug/l	98
4) Vinyl Chloride	2.18	62	389226	17.52	ug/l	98
5) Bromomethane	2.57	94	214308	18.35	ug/l	94
6) Chloroethane	2.71	64	245387	18.53	ug/l	99
7) Trichlorofluoromethane	3.02	101	517250	18.66	ug/l	100
8) Diethyl Ether	3.41	74	177255	18.32	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.75	101	325079	18.49	ug/l	93
10) Methyl Iodide	3.95	142	328679	17.96	ug/l	92
11) Tert butyl alcohol	4.80	59	99723	91.09	ug/l #	70
12) 1,1-Dichloroethene	3.73	96	290871	18.04	ug/l	90
13) Acrolein	3.61	56	83639	72.85	ug/l	99
14) Allyl chloride	4.32	41	449573	17.66	ug/l	90
15) Acrylonitrile	4.99	53	491162	89.72	ug/l	98
16) Acetone	3.82	43	453356	100.10	ug/l	95
17) Carbon Disulfide	4.05	76	827430	16.37	ug/l	100
18) Methyl Acetate	4.33	43	260553	18.87	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	757196	18.42	ug/l	99
20) Methylene Chloride	4.55	84	350873	18.55	ug/l	90
21) trans-1,2-Dichloroethene	5.04	96	301769	17.68	ug/l	91
22) Diisopropyl ether	5.95	45	965048	18.98	ug/l	95
23) Vinyl Acetate	5.90	43	2962005	89.36	ug/l #	95
24) 1,1-Dichloroethane	5.85	63	598885	18.40	ug/l	98
25) 2-Butanone	6.84	43	569114	93.58	ug/l	96
26) 2,2-Dichloropropane	6.82	77	500618	19.05	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	338298	17.82	ug/l	94
28) Bromochloromethane	7.19	49	266976	18.50	ug/l	85
29) Tetrahydrofuran	7.22	42	349113	89.18	ug/l	92
30) Chloroform	7.37	83	604273	18.66	ug/l	99
31) Cyclohexane	7.65	56	501025	18.05	ug/l #	89
32) 1,1,1-Trichloroethane	7.57	97	512934	18.56	ug/l	97
36) 1,1-Dichloropropene	7.79	75	433706	18.58	ug/l	96
37) Ethyl Acetate	6.93	43	247129	19.48	ug/l	99
38) Carbon Tetrachloride	7.77	117	461673	19.11	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
 Data File : VN049488.D
 Acq On : 22 Jun 2018 13:47
 Operator : MD\SY
 Sample : VN0622WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 4:23:20 PM

Quant Time: Jun 22 22:31:36 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	451636	18.03	ug/l	99
40) Benzene	8.04	78	1337761	18.70	ug/l	99
41) Methacrylonitrile	7.18	41	136527	19.90	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	424290	19.19	ug/l	97
43) Isopropyl Acetate	8.17	43	448915	18.52	ug/l	98
44) Trichloroethene	8.84	130	364144	19.27	ug/l	92
45) 1,2-Dichloropropane	9.12	63	352468	18.81	ug/l	99
46) Dibromomethane	9.21	93	204784	18.85	ug/l	90
47) Bromodichloromethane	9.40	83	453387	18.99	ug/l	97
48) Methyl methacrylate	9.20	41	220570	19.32	ug/l	88
49) 1,4-Dioxane	9.20	88	57863	367.24	ug/l #	91
51) 4-Methyl-2-Pentanone	9.99	43	1208869	95.15	ug/l	94
52) Toluene	10.16	92	822091	19.58	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	417281	18.27	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	497363	18.44	ug/l	90
55) 1,1,2-Trichloroethane	10.56	97	295855	18.90	ug/l	97
56) Ethyl methacrylate	10.43	69	334116	18.50	ug/l #	86
57) 1,3-Dichloropropane	10.71	76	487620	18.80	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	353854	65.99	ug/l	95
59) 2-Hexanone	10.75	43	788692	96.28	ug/l	95
60) Dibromochloromethane	10.90	129	323443	18.51	ug/l	100
61) 1,2-Dibromoethane	11.01	107	274210	18.84	ug/l	99
64) Tetrachloroethene	10.63	164	405088	21.47	ug/l	98
65) Chlorobenzene	11.44	112	893006	18.82	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	334479	18.74	ug/l	99
67) Ethyl Benzene	11.51	91	1490858	18.95	ug/l	97
68) m/p-Xylenes	11.62	106	1145614	38.79	ug/l	97
69) o-Xylene	11.95	106	541435	19.04	ug/l	95
70) Styrene	11.97	104	876110	19.52	ug/l	97
71) Bromoform	12.13	173	216308	18.72	ug/l #	99
73) Isopropylbenzene	12.25	105	1469358	19.21	ug/l	98
74) N-amyl acetate	12.07	43	328405	17.53	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.51	83	320876	19.00	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	275096m	18.51	ug/l	
77) Bromobenzene	12.53	156	376222	18.62	ug/l	89
78) n-propylbenzene	12.59	91	1662324	19.79	ug/l	98
79) 2-Chlorotoluene	12.68	91	1005147	18.89	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	1198993	19.94	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	82665	17.58	ug/l	96
82) 4-Chlorotoluene	12.78	91	1005774	19.59	ug/l	97
83) tert-Butylbenzene	12.99	119	1010921	18.98	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1200682	20.10	ug/l	99
85) sec-Butylbenzene	13.17	105	1360288	19.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	1139128	19.23	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	622847	18.74	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	606361	18.41	ug/l	99
89) n-Butylbenzene	13.62	91	820776	17.74	ug/l	98
90) Hexachloroethane	13.88	117	231730	19.64	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	613728	18.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	46561	17.48	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062218\
Data File : VN049488.D
Acq On : 22 Jun 2018 13:47
Operator : MD\SY
Sample : VN0622WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS01

Manual Integrations
APPROVED

MMDadoda
6/25/2018 4:23:20 PM

Quant Time: Jun 22 22:31:36 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	187997	16.13	ug/l	99
94) Hexachlorobutadiene	15.01	225	200271	19.34	ug/l	98
95) Naphthalene	15.14	128	340389	15.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	203673	16.44	ug/l	99

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

