

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002503.D
 Acq On : 13 Jun 2018 11:31
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:23 AM

Quant Time: Jun 14 02:09:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	167045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141889	60.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.20%	
35) Dibromofluoromethane	5.51	113	103472	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	8.72	98	377454	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.14	95	146984	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33436	19.255	ug/l	99
3) Chloromethane	1.33	50	42897	19.827	ug/l	100
4) Vinyl Chloride	1.41	62	44433	20.303	ug/l	97
5) Bromomethane	1.64	94	27985	20.636	ug/l	98
6) Chloroethane	1.73	64	31461	22.223	ug/l	100
7) Trichlorofluoromethane	1.93	101	75950	22.777	ug/l	100
8) Diethyl Ether	2.19	74	34698	28.239	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44551	24.758	ug/l	98
10) Methyl Iodide	2.51	142	36322	14.351	ug/l	97
11) Tert butyl alcohol	3.07	59	72046	138.322	ug/l	99
12) 1,1-Dichloroethene	2.38	96	38166	21.462	ug/l	100
13) Acrolein	2.29	56	22578	88.906	ug/l	98
14) Allyl chloride	2.73	41	86573	22.433	ug/l	99
15) Acrylonitrile	3.15	53	153506	147.001	ug/l	100
16) Acetone	2.45	43	157521	145.300	ug/l	100
17) Carbon Disulfide	2.57	76	76288	16.277	ug/l	97
18) Methyl Acetate	2.78	43	75915	30.680	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	181467	28.264	ug/l	100
20) Methylene Chloride	2.86	84	54084	27.385	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	43231	22.045	ug/l	95
22) Diisopropyl ether	3.87	45	188231	28.558	ug/l	94
23) Vinyl Acetate	3.83	43	839533	134.192	ug/l	99
24) 1,1-Dichloroethane	3.70	63	93758	24.581	ug/l	99
25) 2-Butanone	4.71	43	195382	119.290	ug/l	99
26) 2,2-Dichloropropane	4.59	77	57706	19.354	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	47875	22.448	ug/l	96
28) Bromochloromethane	5.03	49	42159	24.148	ug/l	99
29) Tetrahydrofuran	5.17	42	122504	116.008	ug/l	99
30) Chloroform	5.22	83	85445	23.215	ug/l	96
31) Cyclohexane	5.58	56	58727	19.471	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	64508	20.666	ug/l	99
36) 1,1-Dichloropropene	5.81	75	51914	19.135	ug/l	98
37) Ethyl Acetate	4.86	43	75695	23.200	ug/l	100
38) Carbon Tetrachloride	5.79	117	54343	19.147	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002503.D
 Acq On : 13 Jun 2018 11:31
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:23 AM

Quant Time: Jun 14 02:09:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59917	18.045	ug/l	97
40) Benzene	6.15	78	175873	21.142	ug/l	100
41) Methacrylonitrile	5.06	41	42805	22.918	ug/l	98
42) 1,2-Dichloroethane	6.20	62	76846	23.251	ug/l	100
43) Isopropyl Acetate	6.47	43	122660	22.134	ug/l	100
44) Trichloroethene	7.21	130	48236	20.893	ug/l	91
45) 1,2-Dichloropropane	7.52	63	50799	22.620	ug/l	99
46) Dibromomethane	7.67	93	34853	22.894	ug/l	97
47) Bromodichloromethane	7.90	83	60775	22.073	ug/l	96
48) Methyl methacrylate	7.78	41	64842	23.294	ug/l	99
49) 1,4-Dioxane	7.76	88	24405	468.897	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	413500	119.818	ug/l	99
52) Toluene	8.79	92	114385	21.620	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	71366	21.614	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	65577	21.051	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	52256	24.014	ug/l	98
56) Ethyl methacrylate	9.18	69	79092	22.766	ug/l	98
57) 1,3-Dichloropropane	9.38	76	87183	23.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	164145	102.084	ug/l	99
59) 2-Hexanone	9.50	43	317745	119.201	ug/l	99
60) Dibromochloromethane	9.59	129	48280	22.058	ug/l	99
61) 1,2-Dibromoethane	9.68	107	52976	23.349	ug/l	99
64) Tetrachloroethene	9.34	164	53812	19.991	ug/l	98
65) Chlorobenzene	10.14	112	138679	21.353	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	49691	21.130	ug/l	99
67) Ethyl Benzene	10.26	91	222031	20.428	ug/l	99
68) m/p-Xylenes	10.36	106	172865	40.914	ug/l	99
69) o-Xylene	10.70	106	86417	20.553	ug/l	99
70) Styrene	10.71	104	146946	21.379	ug/l	99
71) Bromoform	10.86	173	35921	19.334	ug/l #	98
73) Isopropylbenzene	11.02	105	223919	19.542	ug/l	100
74) N-amyl acetate	6.47	43	122660	19.867	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	77778	21.582	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78683m	21.770	ug/l	
77) Bromobenzene	11.26	156	66113	20.552	ug/l	98
78) n-propylbenzene	11.37	91	258818	20.322	ug/l	100
79) 2-Chlorotoluene	11.43	91	161569	20.091	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	194862	19.827	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17717	17.183	ug/l #	84
82) 4-Chlorotoluene	11.51	91	190459	20.519	ug/l	99
83) tert-Butylbenzene	11.77	119	185734	19.407	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	206147	20.376	ug/l	99
85) sec-Butylbenzene	11.95	105	225768	20.122	ug/l	100
86) p-Isopropyltoluene	12.07	119	206512	20.207	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	120569	20.962	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123996	20.915	ug/l	100
89) n-Butylbenzene	12.39	91	178558	20.832	ug/l	99
90) Hexachloroethane	12.60	117	27991	17.158	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	125944	21.163	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15737	19.969	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002503.D
Acq On : 13 Jun 2018 11:31
Operator : JC/MD
Sample : VX0613WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Manual Integrations
APPROVED

MMDadoda
6/14/2018 11:29:23 AM

Quant Time: Jun 14 02:09:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90778	21.755	ug/l	99
94) Hexachlorobutadiene	13.79	225	41728	20.237	ug/l	97
95) Naphthalene	13.84	128	261253	21.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	92849	21.818	ug/l	99

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

