

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002513.D
 Acq On : 13 Jun 2018 17:12
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:29:51 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	216378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190120	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144003	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	
35) Dibromofluoromethane	5.51	113	111642	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.72	98	428024	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.14	95	161541	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	45687	20.311	ug/l	99
3) Chloromethane	1.32	50	52856	18.711	ug/l	99
4) Vinyl Chloride	1.40	62	59696	21.058	ug/l	100
5) Bromomethane	1.64	94	32853	18.367	ug/l	98
6) Chloroethane	1.73	64	39085	21.314	ug/l	98
7) Trichlorofluoromethane	1.93	101	104774	24.257	ug/l	97
8) Diethyl Ether	2.19	74	37021	22.817	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61097	26.212	ug/l	98
10) Methyl Iodide	2.51	142	58683	17.900	ug/l	98
11) Tert butyl alcohol	3.07	59	72833	103.233	ug/l	97
12) 1,1-Dichloroethene	2.37	96	51261	22.254	ug/l	98
13) Acrolein	2.29	56	18453	52.349	ug/l	98
14) Allyl chloride	2.73	41	100867	20.178	ug/l	98
15) Acrylonitrile	3.15	53	159003	115.531	ug/l	99
16) Acetone	2.45	43	167327	115.419	ug/l	98
17) Carbon Disulfide	2.57	76	104895	17.278	ug/l	99
18) Methyl Acetate	2.78	43	79570	24.281	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	195977	23.148	ug/l	97
20) Methylene Chloride	2.86	84	60318	23.171	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	54820	21.581	ug/l	100
22) Diisopropyl ether	3.87	45	206985	24.012	ug/l	95
23) Vinyl Acetate	3.82	43	892379	110.118	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111035	22.473	ug/l	99
25) 2-Butanone	4.70	43	202561	95.477	ug/l	98
26) 2,2-Dichloropropane	4.59	77	73905	19.136	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	54405	19.694	ug/l	99
28) Bromochloromethane	5.02	49	46584	20.036	ug/l	98
29) Tetrahydrofuran	5.17	42	125454	91.715	ug/l	97
30) Chloroform	5.22	83	99012	20.768	ug/l	98
31) Cyclohexane	5.57	56	80575	20.624	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	81885	20.252	ug/l	98
36) 1,1-Dichloropropene	5.80	75	68618	21.611	ug/l	98
37) Ethyl Acetate	4.86	43	79277	20.762	ug/l	99
38) Carbon Tetrachloride	5.79	117	72097	21.705	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002513.D
 Acq On : 13 Jun 2018 17:12
 Operator : JC/MD
 Sample : VX0613WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:29:51 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	84607	21.718	ug/l	98
40) Benzene	6.15	78	209386	21.507	ug/l	99
41) Methacrylonitrile	5.06	41	44980	20.577	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82916	21.436	ug/l	100
43) Isopropyl Acetate	6.46	43	129850	20.021	ug/l	100
44) Trichloroethene	7.21	130	60080	22.236	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57178	21.755	ug/l	97
46) Dibromomethane	7.67	93	37230	20.896	ug/l	98
47) Bromodichloromethane	7.90	83	68052	21.118	ug/l	99
48) Methyl methacrylate	7.78	41	66728	20.482	ug/l	98
49) 1,4-Dioxane	7.76	88	25331	415.849	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	431597	106.859	ug/l	99
52) Toluene	8.79	92	136694	22.076	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	79352	20.535	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	72230	19.812	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56628	22.236	ug/l	98
56) Ethyl methacrylate	9.18	69	84319	20.738	ug/l	98
57) 1,3-Dichloropropane	9.38	76	93042	21.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	155709	82.743	ug/l	100
59) 2-Hexanone	9.50	43	330833	106.046	ug/l	99
60) Dibromochloromethane	9.59	129	53024	20.700	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57762	21.753	ug/l	100
64) Tetrachloroethene	9.34	164	69402	23.019	ug/l	96
65) Chlorobenzene	10.14	112	158574	21.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55389	21.029	ug/l	99
67) Ethyl Benzene	10.26	91	272616	22.394	ug/l	99
68) m/p-Xylenes	10.36	106	209215	44.211	ug/l	99
69) o-Xylene	10.70	106	101010	21.449	ug/l	100
70) Styrene	10.71	104	168556	21.895	ug/l	99
71) Bromoform	10.86	173	38142	18.509	ug/l #	99
73) Isopropylbenzene	11.02	105	285013	21.550	ug/l	99
74) N-amyl acetate	6.46	43	129850	18.221	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82984	19.950	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82591m	19.798	ug/l	
77) Bromobenzene	11.26	156	75773	20.408	ug/l	99
78) n-propylbenzene	11.37	91	329082	22.387	ug/l	100
79) 2-Chlorotoluene	11.43	91	191789	20.662	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	241221	21.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19895	16.717	ug/l	88
82) 4-Chlorotoluene	11.51	91	228549	21.332	ug/l	100
83) tert-Butylbenzene	11.77	119	232815	21.076	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	247946	21.233	ug/l	99
85) sec-Butylbenzene	11.95	105	299480	23.125	ug/l	100
86) p-Isopropyltoluene	12.07	119	268885	22.795	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	140971	21.234	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	143946	21.036	ug/l	100
89) n-Butylbenzene	12.39	91	240382	24.298	ug/l	99
90) Hexachloroethane	12.60	117	35959	19.097	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	143857	20.943	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16937	18.620	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
Data File : VX002513.D
Acq On : 13 Jun 2018 17:12
Operator : JC/MD
Sample : VX0613WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBS01

Manual Integrations
APPROVED

MMDadoda
6/14/2018 11:29:24 AM

Quant Time: Jun 14 02:29:51 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	106911	22.197	ug/l	100
94) Hexachlorobutadiene	13.79	225	59914	25.174	ug/l	98
95) Naphthalene	13.84	128	286493	20.703	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	107355	21.856	ug/l	99

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

