

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003073.D
 Acq On : 30 Jun 2018 12:28
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:10 PM

Quant Time: Jul 02 03:16:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	336076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	154674	41.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.68%	
35) Dibromofluoromethane	5.51	113	126186	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.72	98	458929	45.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.04%	
62) 4-Bromofluorobenzene	11.14	95	176650	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55274	22.99	ug/l	98
3) Chloromethane	1.32	50	53182	20.75	ug/l	97
4) Vinyl Chloride	1.40	62	60103	19.87	ug/l	95
5) Bromomethane	1.64	94	27685	17.86	ug/l	97
6) Chloroethane	1.72	64	38335	20.35	ug/l	99
7) Trichlorofluoromethane	1.93	101	95373	18.69	ug/l	100
8) Diethyl Ether	2.19	74	35376	19.07	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56032	18.96	ug/l	98
10) Methyl Iodide	2.51	142	39709	17.82	ug/l	99
11) Tert butyl alcohol	3.07	59	66859	90.80	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49793	18.88	ug/l	95
13) Acrolein	2.29	56	32268	81.93	ug/l	100
14) Allyl chloride	2.73	41	97827	18.82	ug/l	96
15) Acrylonitrile	3.15	53	146825	93.35	ug/l	99
16) Acetone	2.45	43	162169	105.94	ug/l	96
17) Carbon Disulfide	2.57	76	127758	18.18	ug/l	99
18) Methyl Acetate	2.78	43	72167	16.86	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	178479	18.82	ug/l	100
20) Methylene Chloride	2.86	84	56857	19.09	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	53243	18.53	ug/l	92
22) Diisopropyl ether	3.87	45	187561	18.87	ug/l	96
23) Vinyl Acetate	3.82	43	807964	96.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	103317	19.13	ug/l	98
25) 2-Butanone	4.70	43	218533	96.19	ug/l	97
26) 2,2-Dichloropropane	4.59	77	82834	18.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	60873	18.90	ug/l	98
28) Bromochloromethane	5.02	49	52259	20.21	ug/l	93
29) Tetrahydrofuran	5.16	42	129440	88.85	ug/l	97
30) Chloroform	5.21	83	104673	18.88	ug/l	98
31) Cyclohexane	5.57	56	85112	18.36	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	91250	18.71	ug/l	99
36) 1,1-Dichloropropene	5.80	75	74329	19.23	ug/l	97
37) Ethyl Acetate	4.85	43	80376	19.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	80195	18.91	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003073.D
 Acq On : 30 Jun 2018 12:28
 Operator : JC/MD
 Sample : VX0630WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0630WBS01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:10 PM

Quant Time: Jul 02 03:16:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84109	18.68	ug/l	97
40) Benzene	6.15	78	222077	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	45756	19.09	ug/l	98
42) 1,2-Dichloroethane	6.20	62	87165	19.21	ug/l	99
43) Isopropyl Acetate	6.46	43	126963	18.19	ug/l	98
44) Trichloroethene	7.21	130	66649	19.90	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58849	19.75	ug/l	100
46) Dibromomethane	7.67	93	39911	19.30	ug/l	96
47) Bromodichloromethane	7.90	83	74388	19.46	ug/l	99
48) Methyl methacrylate	7.78	41	66411	18.47	ug/l	97
49) 1,4-Dioxane	7.76	88	25902	370.17	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	416099	95.28	ug/l	97
52) Toluene	8.79	92	145028	20.16	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	85470	19.74	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	77703	18.66	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	59895	20.26	ug/l	97
56) Ethyl methacrylate	9.18	69	85944	19.89	ug/l	94
57) 1,3-Dichloropropane	9.37	76	96015	19.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	325774	156.28	ug/l	97
59) 2-Hexanone	9.50	43	322830	97.27	ug/l	97
60) Dibromochloromethane	9.59	129	60978	19.59	ug/l	99
61) 1,2-Dibromoethane	9.68	107	62140	20.04	ug/l	100
64) Tetrachloroethene	9.34	164	73816	19.75	ug/l	96
65) Chlorobenzene	10.14	112	167907	19.67	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	60944	19.65	ug/l	100
67) Ethyl Benzene	10.26	91	281535	19.97	ug/l	99
68) m/p-Xylenes	10.36	106	217235	39.97	ug/l	98
69) o-Xylene	10.70	106	105232	19.89	ug/l	97
70) Styrene	10.71	104	172944	20.11	ug/l	99
71) Bromoform	10.86	173	45281	18.80	ug/l #	100
73) Isopropylbenzene	11.02	105	286144	20.31	ug/l	100
74) N-amyl acetate	6.46	43	126963	18.42	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	85546	19.71	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	76910m	20.28	ug/l	
77) Bromobenzene	11.26	156	80648	20.10	ug/l	97
78) n-propylbenzene	11.36	91	323690	20.19	ug/l	99
79) 2-Chlorotoluene	11.42	91	195237	20.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237881	20.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	20020	17.65	ug/l	91
82) 4-Chlorotoluene	11.51	91	228316	19.87	ug/l	98
83) tert-Butylbenzene	11.77	119	234599	20.06	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	246337	20.04	ug/l	99
85) sec-Butylbenzene	11.95	105	280961	19.81	ug/l	99
86) p-Isopropyltoluene	12.07	119	253378	19.87	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	146911	20.05	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149027	19.76	ug/l	99
89) n-Butylbenzene	12.39	91	212928	19.18	ug/l	99
90) Hexachloroethane	12.60	117	33140	17.47	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	147378	19.93	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17117	17.55	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
Data File : VX003073.D
Acq On : 30 Jun 2018 12:28
Operator : JC/MD
Sample : VX0630WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0630WBS01

Manual Integrations
APPROVED

apatel
7/2/2018 4:19:10 PM

Quant Time: Jul 02 03:16:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105806	19.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	53270	19.84	ug/l	98
95) Naphthalene	13.84	128	280963	19.60	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	105807	19.68	ug/l	99

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

