

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003093.D
 Acq On : 30 Jun 2018 21:35
 Operator : JC/MD
 Sample : J3716-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-0037MSD

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:36 PM

Quant Time: Jul 02 04:31:07 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	277513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	386815	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180152	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	5.51	113	151648	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.72	98	526060	47.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.06%	
62) 4-Bromofluorobenzene	11.14	95	207057	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	143856	58.11	ug/l	98
3) Chloromethane	1.32	50	138832	54.06	ug/l	99
4) Vinyl Chloride	1.40	62	157501	50.18	ug/l	95
5) Bromomethane	1.64	94	61157	41.27	ug/l	99
6) Chloroethane	1.72	64	100126	54.57	ug/l	99
7) Trichlorofluoromethane	1.93	101	249312	47.09	ug/l	97
8) Diethyl Ether	2.19	74	92977	48.31	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140614	45.84	ug/l	98
10) Methyl Iodide	2.51	142	143765	46.69	ug/l	97
11) Tert butyl alcohol	3.08	59	160852	210.51	ug/l	100
12) 1,1-Dichloroethene	2.37	96	128591	46.98	ug/l	94
13) Acrolein	2.29	56	56565	135.50	ug/l	98
14) Allyl chloride	2.73	41	248404	46.04	ug/l	96
15) Acrylonitrile	3.15	53	395055	242.05	ug/l	99
16) Acetone	2.45	43	350694	220.77	ug/l	96
17) Carbon Disulfide	2.57	76	334311	45.85	ug/l	98
18) Methyl Acetate	2.78	43	180024	40.53	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	473073	48.08	ug/l	99
20) Methylene Chloride	2.86	84	144620	46.78	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139604	46.83	ug/l	95
22) Diisopropyl ether	3.88	45	509279	49.38	ug/l	99
23) Vinyl Acetate	3.83	43	2069285	236.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	265406	47.35	ug/l	99
25) 2-Butanone	4.71	43	579440	245.79	ug/l	98
26) 2,2-Dichloropropane	4.59	77	162514	35.66	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	167317	50.06	ug/l	92
28) Bromochloromethane	5.03	49	130445	48.62	ug/l	92
29) Tetrahydrofuran	5.17	42	373087	246.78	ug/l	96
30) Chloroform	5.22	83	285504	49.63	ug/l	100
31) Cyclohexane	5.57	56	336281	69.91	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	252511	49.89	ug/l	98
36) 1,1-Dichloropropene	5.81	75	202663	47.78	ug/l	99
37) Ethyl Acetate	4.87	43	214856	47.04	ug/l	99
38) Carbon Tetrachloride	5.79	117	224567	48.24	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003093.D
 Acq On : 30 Jun 2018 21:35
 Operator : JC/MD
 Sample : J3716-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 S22-0037MSD

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:19:36 PM

Quant Time: Jul 02 04:31:07 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	326008	65.98	ug/l	97
40) Benzene	6.15	78	604571	49.05	ug/l	100
41) Methacrylonitrile	5.07	41	132242	50.28	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231175	46.43	ug/l	98
43) Isopropyl Acetate	6.47	43	359082	46.88	ug/l	98
44) Trichloroethene	7.22	130	176038	47.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	160332	49.04	ug/l	97
46) Dibromomethane	7.67	93	109604	48.31	ug/l	96
47) Bromodichloromethane	7.90	83	208884	49.80	ug/l	99
48) Methyl methacrylate	7.78	41	196260	49.73	ug/l	97
49) 1,4-Dioxane	7.76	88	65365	851.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1186341	247.54	ug/l	97
52) Toluene	8.79	92	390023	49.40	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	230905	48.61	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	216872	47.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162460	50.07	ug/l	98
56) Ethyl methacrylate	9.18	69	247831	52.26	ug/l	94
57) 1,3-Dichloropropane	9.38	76	263632	49.47	ug/l	100
59) 2-Hexanone	9.50	43	894543	245.60	ug/l	96
60) Dibromochloromethane	9.59	129	175028	51.24	ug/l	98
61) 1,2-Dibromoethane	9.68	107	171207	50.31	ug/l	100
64) Tetrachloroethene	9.34	164	183587	45.09	ug/l	98
65) Chlorobenzene	10.14	112	451147	48.50	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170140	50.35	ug/l	100
67) Ethyl Benzene	10.26	91	1031883	67.16	ug/l	99
68) m/p-Xylenes	10.36	106	1168343	197.30	ug/l	97
69) o-Xylene	10.70	106	291407	50.54	ug/l	98
70) Styrene	10.71	104	483094	51.56	ug/l	99
71) Bromoform	10.86	173	135668	44.87	ug/l	# 100
73) Isopropylbenzene	11.02	105	1046686	68.04	ug/l	100
74) N-amyl acetate	6.47	43	359082	47.70	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	242337	51.14	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	234763m	56.67	ug/l	
77) Bromobenzene	11.26	156	220414	50.31	ug/l	97
78) n-propylbenzene	11.37	91	1124920	64.24	ug/l	98
79) 2-Chlorotoluene	11.43	91	649217	61.24	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	1047014	80.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58763	41.75	ug/l	99
82) 4-Chlorotoluene	11.51	91	662211	52.76	ug/l	99
83) tert-Butylbenzene	11.77	119	674774	52.84	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1792489	133.52	ug/l	98
85) sec-Butylbenzene	11.95	105	783238	50.56	ug/l	98
86) p-Isopropyltoluene	12.07	119	710850	51.04	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	398485	49.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400850	48.68	ug/l	99
89) n-Butylbenzene	12.39	91	599547	49.46	ug/l	98
90) Hexachloroethane	12.60	117	108574	52.41	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	401795	49.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54233	50.91	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	291110	49.53	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
Data File : VX003093.D
Acq On : 30 Jun 2018 21:35
Operator : JC/MD
Sample : J3716-06MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S22-0037MSD

Manual Integrations
APPROVED

apatel
7/2/2018 4:19:36 PM

Quant Time: Jul 02 04:31:07 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)
94) Hexachlorobutadiene	13.79	225	138830	47.36	ug/l	99
95) Naphthalene	13.84	128	987132	63.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	297718	50.71	ug/l	99

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

