

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003091.D
 Acq On : 30 Jun 2018 20:42
 Operator : JC/MD
 Sample : J3675-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0217MSD

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:20:04 PM

Quant Time: Jul 02 04:27:29 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	266924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176903	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	5.51	113	148889	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	8.72	98	519823	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.14	95	203165	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	141574	59.46	ug/l	100
3) Chloromethane	1.32	50	140467	56.93	ug/l	98
4) Vinyl Chloride	1.40	62	161242	53.42	ug/l	91
5) Bromomethane	1.64	94	54056	37.69	ug/l	98
6) Chloroethane	1.72	64	97590	55.33	ug/l	100
7) Trichlorofluoromethane	1.93	101	244577	48.03	ug/l	99
8) Diethyl Ether	2.19	74	91202	49.27	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138808	47.05	ug/l	97
10) Methyl Iodide	2.51	142	140297	47.28	ug/l	98
11) Tert butyl alcohol	3.08	59	170309	231.72	ug/l	99
12) 1,1-Dichloroethene	2.37	96	128604	48.85	ug/l	95
13) Acrolein	2.30	56	54270	135.17	ug/l	100
14) Allyl chloride	2.73	41	246818	47.56	ug/l	95
15) Acrylonitrile	3.15	53	398840	254.06	ug/l	99
16) Acetone	2.45	43	358702	234.77	ug/l	96
17) Carbon Disulfide	2.57	76	339645	48.42	ug/l	99
18) Methyl Acetate	2.78	43	177258	41.49	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	471835	49.86	ug/l	99
20) Methylene Chloride	2.86	84	143548	48.28	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	139891	48.79	ug/l	93
22) Diisopropyl ether	3.88	45	515868	52.01	ug/l	98
23) Vinyl Acetate	3.83	43	2033936	242.16	ug/l	98
24) 1,1-Dichloroethane	3.70	63	265886	49.32	ug/l	99
25) 2-Butanone	4.71	43	590026	260.20	ug/l	95
26) 2,2-Dichloropropane	4.59	77	167695	38.25	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	174144	54.17	ug/l	91
28) Bromochloromethane	5.03	49	130844	50.70	ug/l	92
29) Tetrahydrofuran	5.17	42	374703	257.68	ug/l	96
30) Chloroform	5.22	83	282205	51.01	ug/l	98
31) Cyclohexane	5.58	56	228068	49.29	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	247364	50.81	ug/l	99
36) 1,1-Dichloropropene	5.80	75	199105	49.19	ug/l	99
37) Ethyl Acetate	4.87	43	208293	47.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	220815	49.71	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX063018\
 Data File : VX003091.D
 Acq On : 30 Jun 2018 20:42
 Operator : JC/MD
 Sample : J3675-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 S73-0217MSD

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:20:04 PM

Quant Time: Jul 02 04:27:29 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	220584	46.79	ug/l	96
40) Benzene	6.15	78	591465	50.29	ug/l	100
41) Methacrylonitrile	5.07	41	130016	51.81	ug/l	97
42) 1,2-Dichloroethane	6.20	62	228497	48.10	ug/l	99
43) Isopropyl Acetate	6.47	43	348580	47.69	ug/l	98
44) Trichloroethene	7.21	130	173157	49.39	ug/l	99
45) 1,2-Dichloropropane	7.52	63	155364	49.80	ug/l	99
46) Dibromomethane	7.67	93	107742	49.77	ug/l	96
47) Bromodichloromethane	7.90	83	206162	51.51	ug/l	99
48) Methyl methacrylate	7.78	41	190380	50.55	ug/l	95
49) 1,4-Dioxane	7.76	88	69006	941.81	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1183592	258.83	ug/l	98
52) Toluene	8.79	92	381830	50.68	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	225987	49.86	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	213717	49.00	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	159675	51.58	ug/l	98
56) Ethyl methacrylate	9.18	69	240428	53.14	ug/l	94
57) 1,3-Dichloropropane	9.38	76	257817	50.71	ug/l	100
59) 2-Hexanone	9.50	43	894657	257.43	ug/l	96
60) Dibromochloromethane	9.59	129	171513	52.63	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168171	51.79	ug/l	99
64) Tetrachloroethene	9.34	164	166261	42.61	ug/l	99
65) Chlorobenzene	10.14	112	442425	49.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	167314	51.68	ug/l	99
67) Ethyl Benzene	10.26	91	754053	51.22	ug/l	100
68) m/p-Xylenes	10.36	106	577670	101.81	ug/l	98
69) o-Xylene	10.70	106	282494	51.13	ug/l	98
70) Styrene	10.71	104	470459	52.41	ug/l	99
71) Bromoform	10.86	173	136046	46.78	ug/l	99
73) Isopropylbenzene	11.02	105	765981	52.15	ug/l	100
74) N-amyl acetate	6.47	43	348580	48.51	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	245893	54.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	231114m	58.44	ug/l	
77) Bromobenzene	11.26	156	217696	52.05	ug/l	95
78) n-propylbenzene	11.37	91	851891	50.96	ug/l	99
79) 2-Chlorotoluene	11.43	91	510644	50.45	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	630652	50.98	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	56520	42.04	ug/l	99
82) 4-Chlorotoluene	11.51	91	602911	50.32	ug/l	99
83) tert-Butylbenzene	11.77	119	645476	52.95	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	654978	51.10	ug/l	98
85) sec-Butylbenzene	11.95	105	739223	49.98	ug/l	99
86) p-Isopropyltoluene	12.07	119	667963	50.24	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	383740	50.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	387483	49.29	ug/l	99
89) n-Butylbenzene	12.39	91	547454	47.30	ug/l	99
90) Hexachloroethane	12.60	117	98151	49.63	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	389174	50.48	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54079	53.17	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	280684	50.02	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
Data File : VX003091.D
Acq On : 30 Jun 2018 20:42
Operator : JC/MD
Sample : J3675-11MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S73-0217MSD

Manual Integrations
APPROVED

apatel
7/2/2018 4:20:04 PM

Quant Time: Jul 02 04:27:29 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	129648	46.33	ug/l	99
95) Naphthalene	13.84	128	823774	55.12	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287005	51.21	ug/l	100

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

