

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002852.D
 Acq On : 23 Jun 2018 00:51
 Operator : JC/MD
 Sample : J3631-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MS

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:08 PM

Quant Time: Jun 23 01:47:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150147	39.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.22%	
35) Dibromofluoromethane	5.51	113	122872	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
50) Toluene-d8	8.72	98	428364	40.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.94%	
62) 4-Bromofluorobenzene	11.14	95	172333	43.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118396	44.71	ug/l	99
3) Chloromethane	1.32	50	128085	40.67	ug/l	98
4) Vinyl Chloride	1.40	62	142564	43.62	ug/l	91
5) Bromomethane	1.64	94	83978	42.58	ug/l	100
6) Chloroethane	1.72	64	96212	44.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	249405	46.97	ug/l	100
8) Diethyl Ether	2.19	74	90089	44.60	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	138273	46.58	ug/l	99
10) Methyl Iodide	2.51	142	127529	33.72	ug/l	99
11) Tert butyl alcohol	3.08	59	160457	204.79	ug/l	100
12) 1,1-Dichloroethene	2.37	96	125323	44.97	ug/l	98
13) Acrolein	2.29	56	68603	188.50	ug/l	99
14) Allyl chloride	2.73	41	243341	43.98	ug/l	98
15) Acrylonitrile	3.15	53	383887	224.52	ug/l	100
16) Acetone	2.45	43	365174	218.38	ug/l	100
17) Carbon Disulfide	2.57	76	338431	51.20	ug/l	99
18) Methyl Acetate	2.78	43	202334	45.42	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	467785	44.74	ug/l	99
20) Methylene Chloride	2.86	84	143855	41.96	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136107	45.02	ug/l	97
22) Diisopropyl ether	3.87	45	480200	47.97	ug/l	94
23) Vinyl Acetate	3.83	43	1872549	223.48	ug/l	99
24) 1,1-Dichloroethane	3.70	63	256879	47.28	ug/l	99
25) 2-Butanone	4.71	43	531717	242.12	ug/l	99
26) 2,2-Dichloropropane	4.59	77	160414	41.09	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	155557	50.57	ug/l	95
28) Bromochloromethane	5.03	49	110874	43.57	ug/l	97
29) Tetrahydrofuran	5.17	42	344909	239.65	ug/l	96
30) Chloroform	5.22	83	270997	51.72	ug/l	98
31) Cyclohexane	5.58	56	247986	55.43	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	240744	54.93	ug/l	99
36) 1,1-Dichloropropene	5.80	75	193432	52.79	ug/l	99
37) Ethyl Acetate	4.87	43	196392	47.36	ug/l	100
38) Carbon Tetrachloride	5.79	117	214497	58.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236102	55.12	ug/l	99
40) Benzene	6.15	78	577619	52.57	ug/l	100
41) Methacrylonitrile	5.07	41	122015	52.11	ug/l	98
42) 1,2-Dichloroethane	6.20	62	228073	53.62	ug/l	98
43) Isopropyl Acetate	6.47	43	337014	49.05	ug/l	99
44) Trichloroethene	7.22	130	168853	53.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	152717	52.82	ug/l	100
46) Dibromomethane	7.67	93	105712	54.65	ug/l	98
47) Bromodichloromethane	7.90	83	200740	58.84	ug/l	99
48) Methyl methacrylate	7.78	41	188528	53.69	ug/l	98
49) 1,4-Dioxane	7.76	88	59648	897.04	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1141089	258.65	ug/l	99
52) Toluene	8.79	92	375702	53.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	218908	48.55	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	209099	48.63	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	154094	54.41	ug/l	98
56) Ethyl methacrylate	9.18	69	231302	53.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	252063	52.63	ug/l	100
59) 2-Hexanone	9.50	43	865305	260.29	ug/l	98
60) Dibromochloromethane	9.59	129	165806	51.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	164790	56.19	ug/l	100
64) Tetrachloroethene	9.34	164	167688	45.55	ug/l	100
65) Chlorobenzene	10.14	112	464716	57.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	163213	58.78	ug/l	99
67) Ethyl Benzene	10.26	91	921439	67.07	ug/l	99
68) m/p-Xylenes	10.36	106	595076	112.29	ug/l	100
69) o-Xylene	10.70	106	285332	54.80	ug/l	100
70) Stvrene	10.71	104	460146	53.74	ug/l	99
71) Bromoform	10.86	173	128987	50.92	ug/l	100
73) Isopropylbenzene	11.02	105	791839	55.05	ug/l	100
74) N-amyl acetate	6.47	43	337014	47.16	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	237019	55.80	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	224438m	55.31	ug/l	
77) Bromobenzene	11.26	156	211980	52.90	ug/l	98
78) n-propylbenzene	11.37	91	894097	54.20	ug/l	100
79) 2-Chlorotoluene	11.43	91	517604	52.56	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	647830	53.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49804	40.17	ug/l	96
82) 4-Chlorotoluene	11.51	91	611755	52.64	ug/l	99
83) tert-Butylbenzene	11.77	119	665850	56.86	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	877067	70.71	ug/l	99
85) sec-Butylbenzene	11.95	105	774216	53.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	709125	53.83	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	388135	52.82	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	393174	52.59	ug/l	99
89) n-Butylbenzene	12.39	91	613045	52.75	ug/l	99
90) Hexachloroethane	12.60	117	107249	52.11	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	390105	52.75	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54925	61.74	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	292373	54.47	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	138418	48.95	ug/l	99
95) Naphthalene	13.84	128	882583	61.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	298397	55.35	ug/l	98

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

