

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002291.D
 Acq On : 05 Jun 2018 05:51
 Operator : JC/MD
 Sample : J3269-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS004MW010-180529MSD

Manual Integrations
 APPROVED

apatel
 6/5/2018 6:28:13 PM

Quant Time: Jun 05 09:00:42 2018
 Quant Method : Y:\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	158828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	247555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	149493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	130136	57.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.68%	
35) Dibromofluoromethane	5.51	113	96514	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.72	98	356905	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.14	95	138007	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	82694	50.085	ug/l 98
3) Chloromethane	1.32	50	111036	59.223	ug/l 100
4) Vinyl Chloride	1.41	62	166469	80.000	ug/l 100
5) Bromomethane	1.64	94	66527	56.959	ug/l 98
6) Chloroethane	1.71	64	74736	55.523	ug/l 98
7) Trichlorofluoromethane	1.92	101	169073	53.328	ug/l 98
8) Diethyl Ether	2.19	74	75199	67.587	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90836	53.092	ug/l 99
10) Methyl Iodide	2.51	142	137823	57.271	ug/l 100
11) Tert butyl alcohol	3.09	59	160044	351.889	ug/l 98
12) 1,1-Dichloroethene	2.37	96	87796	51.925	ug/l 99
13) Acrolein	2.30	56	86596	389.432	ug/l 98
14) Allyl chloride	2.73	41	191485	52.184	ug/l 99
15) Acrylonitrile	3.15	53	372468	390.776	ug/l 99
16) Acetone	2.45	43	348139	365.240	ug/l 100
17) Carbon Disulfide	2.56	76	200824	45.064	ug/l 98
18) Methyl Acetate	2.78	43	163577	73.139	ug/l 99
19) Methyl tert-butyl Ether	3.21	73	394528	67.859	ug/l 98
20) Methylene Chloride	2.85	84	113832	64.169	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	97827	52.466	ug/l 96
22) Diisopropyl ether	3.87	45	362419	59.400	ug/l 95
23) Vinyl Acetate	3.83	43	1563127	262.779	ug/l 100
24) 1,1-Dichloroethane	3.70	63	187107	51.592	ug/l 100
25) 2-Butanone	4.71	43	488389	313.612	ug/l 100
26) 2,2-Dichloropropane	4.59	77	98781	34.845	ug/l 93
27) cis-1,2-Dichloroethene	4.60	96	142179	70.115	ug/l 91
28) Bromochloromethane	5.02	49	96431	63.479	ug/l 98
29) Tetrahydrofuran	5.17	42	320073	318.781	ug/l 99
30) Chloroform	5.22	83	188254	53.794	ug/l 94
31) Cyclohexane	5.58	56	143438	50.017	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	153560	51.740	ug/l 100
36) 1,1-Dichloropropene	5.80	75	122635	45.753	ug/l 99
37) Ethyl Acetate	4.87	43	180029	55.851	ug/l 99
38) Carbon Tetrachloride	5.79	117	129346	46.128	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141664	42.818	ug/l	97
40) Benzene	6.15	78	408821	49.745	ug/l	99
41) Methacrylonitrile	5.07	41	106724	57.837	ug/l	99
42) 1,2-Dichloroethane	6.20	62	172574	52.852	ug/l	99
43) Isopropyl Acetate	6.47	43	293092	53.533	ug/l	100
44) Trichloroethene	7.21	130	109187	47.870	ug/l	98
45) 1,2-Dichloropropane	7.52	63	111068	50.060	ug/l	96
46) Dibromomethane	7.67	93	78326	52.077	ug/l	100
47) Bromodichloromethane	7.90	83	135962	49.982	ug/l	100
48) Methyl methacrylate	7.78	41	155527	56.552	ug/l	99
49) 1,4-Dioxane	7.76	88	62501	1215.471	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1036154	303.899	ug/l	99
52) Toluene	8.79	92	259812	49.706	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	155143	47.559	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	143967	46.778	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	115855	53.890	ug/l	99
56) Ethyl methacrylate	9.18	69	186378	54.302	ug/l	100
57) 1,3-Dichloropropane	9.38	76	192986	53.509	ug/l	99
59) 2-Hexanone	9.50	43	812883	308.665	ug/l	100
60) Dibromochloromethane	9.59	129	112046	51.816	ug/l	99
61) 1,2-Dibromoethane	9.68	107	124220	55.416	ug/l	100
64) Tetrachloroethene	9.34	164	112546	44.082	ug/l	98
65) Chlorobenzene	10.14	112	301853	49.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	112153	50.283	ug/l	99
67) Ethyl Benzene	10.26	91	505377	49.025	ug/l	98
68) m/p-Xylenes	10.37	106	388703	97.000	ug/l	99
69) o-Xylene	10.70	106	201582	50.549	ug/l	99
70) Stvrene	10.71	104	332700	51.034	ug/l	99
71) Bromoform	10.86	173	89220	45.034	ug/l #	100
73) Isopropylbenzene	11.02	105	512126	49.246	ug/l	99
74) N-amyl acetate	6.47	43	293092	52.305	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	191636	58.590	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	186882m	56.972	ug/l	
77) Bromobenzene	11.26	156	149848	51.326	ug/l	98
78) n-propylbenzene	11.37	91	568138	49.152	ug/l	100
79) 2-Chlorotoluene	11.43	91	357071	48.924	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	440196	49.350	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	43939	46.954	ug/l	93
82) 4-Chlorotoluene	11.51	91	411365	48.830	ug/l	99
83) tert-Butylbenzene	11.77	119	431285	49.653	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	459717	50.067	ug/l	100
85) sec-Butylbenzene	11.95	105	498595	48.964	ug/l	100
86) p-Isopropyltoluene	12.07	119	448149	48.317	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	254018	48.661	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	262173	48.725	ug/l	98
89) n-Butylbenzene	12.39	91	354894	45.622	ug/l	100
90) Hexachloroethane	12.60	117	67828	45.811	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	275751	51.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43695	61.090	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	171792	45.362	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	76982	41.135	ug/l	99
95) Naphthalene	13.84	128	616245	56.633	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189474	49.057	ug/l	99

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

