

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002554.D
 Acq On : 14 Jun 2018 16:19
 Operator : JC/MD
 Sample : J3404-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-180607MSD

Manual Integrations
 APPROVED

MMDadoda
 6/15/2018 1:11:52 PM

Quant Time: Jun 15 02:12:02 2018
 Quant Method : Z:\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	241637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	350412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210880	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157068	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	5.51	113	125641	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
50) Toluene-d8	8.72	98	449958	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
62) 4-Bromofluorobenzene	11.14	95	178499	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106782	42.510	ug/l	98
3) Chloromethane	1.32	50	124587	42.878	ug/l	100
4) Vinyl Chloride	1.40	62	147336	46.540	ug/l	89
5) Bromomethane	1.64	94	78135	43.156	ug/l	98
6) Chloroethane	1.71	64	97286	47.507	ug/l	97
7) Trichlorofluoromethane	1.92	101	241043	49.973	ug/l	98
8) Diethyl Ether	2.19	74	92300	54.041	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	135918	52.217	ug/l	100
10) Methyl Iodide	2.51	142	172984	47.248	ug/l	98
11) Tert butyl alcohol	3.09	59	222757	320.100	ug/l	98
12) 1,1-Dichloroethene	2.37	96	121730	47.322	ug/l	97
13) Acrolein	2.29	56	58037	165.875	ug/l	99
14) Allyl chloride	2.73	41	250216	44.821	ug/l #	92
15) Acrylonitrile	3.15	53	430816	294.678	ug/l	100
16) Acetone	2.45	43	482610	330.957	ug/l	99
17) Carbon Disulfide	2.57	76	309127	45.595	ug/l	99
18) Methyl Acetate	2.78	43	245188	72.017	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	494114	55.419	ug/l	100
20) Methylene Chloride	2.85	84	141871	52.039	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	132584	46.738	ug/l	99
22) Diisopropyl ether	3.88	45	471479	50.571	ug/l	97
23) Vinyl Acetate	3.83	43	2085072	230.399	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242499	43.951	ug/l	99
25) 2-Butanone	4.71	43	891895	376.447	ug/l	98
26) 2,2-Dichloropropane	4.59	77	182545	42.325	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	177717	57.606	ug/l	92
28) Bromochloromethane	5.02	49	122568	52.403	ug/l	97
29) Tetrahydrofuran	5.17	42	392999	257.275	ug/l	99
30) Chloroform	5.22	83	254411	47.784	ug/l	95
31) Cyclohexane	5.57	56	194821	44.653	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	221503	49.056	ug/l	99
36) 1,1-Dichloropropene	5.80	75	179540	48.737	ug/l	99
37) Ethyl Acetate	4.87	43	230378	52.002	ug/l	100
38) Carbon Tetrachloride	5.79	117	192056	49.835	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191646	42.150	ug/l	97
40) Benzene	6.15	78	538435	47.669	ug/l	100
41) Methacrylonitrile	5.07	41	129902	51.221	ug/l	98
42) 1,2-Dichloroethane	6.20	62	216096	48.153	ug/l	100
43) Isopropyl Acetate	6.47	43	382627	50.849	ug/l	100
44) Trichloroethene	7.21	130	164252	52.395	ug/l	98
45) 1,2-Dichloropropane	7.52	63	145453	47.700	ug/l	99
46) Dibromomethane	7.67	93	99728	48.244	ug/l	99
47) Bromodichloromethane	7.90	83	185445	49.602	ug/l	97
48) Methyl methacrylate	7.78	41	198440	52.501	ug/l	98
49) 1,4-Dioxane	7.76	88	80542	1139.649	ug/l #	87
51) 4-Methyl-2-Pentanone	8.65	43	1297460	276.879	ug/l	100
52) Toluene	8.79	92	344555	47.962	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	217016	48.404	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	208101	49.198	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	147949	50.072	ug/l	97
56) Ethyl methacrylate	9.18	69	240199	50.919	ug/l	98
57) 1,3-Dichloropropane	9.38	76	242361	48.894	ug/l	99
59) 2-Hexanone	9.50	43	1000225	276.343	ug/l	99
60) Dibromochloromethane	9.59	129	154797	52.086	ug/l	100
61) 1,2-Dibromoethane	9.68	107	156804	50.897	ug/l	99
64) Tetrachloroethene	9.34	164	137069	39.703	ug/l	99
65) Chlorobenzene	10.14	112	405447	48.676	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	151871	50.355	ug/l	99
67) Ethyl Benzene	10.26	91	687932	49.351	ug/l	99
68) m/p-Xylenes	10.36	106	523238	96.563	ug/l	99
69) o-Xylene	10.70	106	259556	48.134	ug/l	99
70) Stvrene	10.71	104	441246	50.055	ug/l	99
71) Bromoform	10.86	173	127584	47.426	ug/l	99
73) Isopropylbenzene	11.02	105	693808	47.295	ug/l	100
74) N-amyl acetate	6.47	43	382627	48.406	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	247780	53.703	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	236994m	51.217	ug/l	
77) Bromobenzene	11.26	156	198716	48.251	ug/l	98
78) n-propylbenzene	11.37	91	791226	48.526	ug/l	100
79) 2-Chlorotoluene	11.43	91	469862	45.637	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	578962	46.013	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	63321	47.968	ug/l	98
82) 4-Chlorotoluene	11.51	91	563625	47.428	ug/l	99
83) tert-Butylbenzene	11.77	119	598152	48.818	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	606378	46.816	ug/l	99
85) sec-Butylbenzene	11.95	105	691902	48.168	ug/l	100
86) p-Isopropyltoluene	12.07	119	629012	48.075	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	354234	48.105	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	366832	48.330	ug/l	99
89) n-Butylbenzene	12.39	91	556014	50.669	ug/l	100
90) Hexachloroethane	12.60	117	96615	46.258	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	360863	47.364	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	63054	62.494	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	270883	50.705	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	124812	47.279	ug/l	99
95) Naphthalene	13.84	128	864257	56.305	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270397	49.629	ug/l	99

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

