

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005916.D
 Acq On : 12 Nov 2018 22:13
 Operator : JC/MD
 Sample : J5912-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MSD

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:17 PM

Quant Time: Nov 13 06:28:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	100149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	144935	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	136079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61485	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	5.50	113	49991	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	178736	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.14	95	67073	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44582	49.373	ug/l	99
3) Chloromethane	1.32	50	56638	47.795	ug/l	99
4) Vinyl Chloride	1.41	62	58340	49.040	ug/l	100
5) Bromomethane	1.64	94	37768	51.878	ug/l	100
6) Chloroethane	1.71	64	37381	52.662	ug/l	95
7) Trichlorofluoromethane	1.93	101	82961	52.537	ug/l	98
8) Diethyl Ether	2.19	74	32999	53.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47555	52.362	ug/l	100
10) Methyl Iodide	2.51	142	67015	60.883	ug/l	95
11) Tert butyl alcohol	3.07	59	81627	247.490	ug/l	100
12) 1,1-Dichloroethene	2.37	96	44778	50.585	ug/l	87
13) Acrolein	2.29	56	62130	383.953	ug/l	97
14) Allyl chloride	2.73	41	104379	52.796	ug/l	97
15) Acrylonitrile	3.15	53	175812	257.218	ug/l	99
16) Acetone	2.45	43	158663	255.945	ug/l	97
17) Carbon Disulfide	2.57	76	131055	49.635	ug/l	99
18) Methyl Acetate	2.78	43	92557	55.889	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	169736	56.180	ug/l	93
20) Methylene Chloride	2.85	84	52998	52.045	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	47730	51.121	ug/l	93
22) Diisopropyl ether	3.87	45	176981	51.101	ug/l	94
23) Vinyl Acetate	3.82	43	760757	256.191	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97147	52.576	ug/l	98
25) 2-Butanone	4.70	43	240094	246.351	ug/l	95
26) 2,2-Dichloropropane	4.58	77	61279	45.211	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	53657	52.046	ug/l	98
28) Bromochloromethane	5.03	49	46521	56.335	ug/l	97
29) Tetrahydrofuran	5.16	42	159933	255.579	ug/l	99
30) Chloroform	5.22	83	91312	51.222	ug/l	86
31) Cyclohexane	5.58	56	83295	51.932	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	79354	53.368	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67518	48.324	ug/l	100
37) Ethyl Acetate	4.85	43	83861	45.642	ug/l	99
38) Carbon Tetrachloride	5.78	117	70648	50.507	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	74955	52.930	ug/l	96
40) Benzene	6.15	78	198741	48.793	ug/l	100
41) Methacrylonitrile	5.06	41	49434	49.792	ug/l	99
42) 1,2-Dichloroethane	6.20	62	73301	50.244	ug/l	100
43) Isopropyl Acetate	6.46	43	127468	47.878	ug/l	98
44) Trichloroethene	7.21	130	52482	50.737	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53264	53.876	ug/l	99
46) Dibromomethane	7.66	93	33729	54.369	ug/l	99
47) Bromodichloromethane	7.90	83	66404	56.638	ug/l	99
48) Methyl methacrylate	7.77	41	68438	57.249	ug/l	99
49) 1,4-Dioxane	7.75	88	27591	1071.072	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	456251	271.915	ug/l	100
52) Toluene	8.79	92	120697	53.020	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	73829	53.361	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	77114	54.683	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50364	49.641	ug/l	99
56) Ethyl methacrylate	9.18	69	80336	52.921	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86040	50.465	ug/l	99
59) 2-Hexanone	9.49	43	357678	241.836	ug/l	99
60) Dibromochloromethane	9.59	129	54667	49.857	ug/l	99
61) 1,2-Dibromoethane	9.67	107	52967	47.213	ug/l	99
64) Tetrachloroethene	9.34	164	53160	45.884	ug/l	99
65) Chlorobenzene	10.14	112	139315	51.104	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	50951	53.760	ug/l	99
67) Ethyl Benzene	10.25	91	236689	54.145	ug/l	100
68) m/p-Xylenes	10.36	106	181251	108.702	ug/l	99
69) o-Xylene	10.70	106	87627	58.607	ug/l	99
70) Stvrene	10.71	104	146146	59.253	ug/l	99
71) Bromoform	10.86	173	45365	57.100	ug/l #	99
73) Isopropylbenzene	11.02	105	241576	55.010	ug/l	100
74) N-amyl acetate	10.90	43	118544	48.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	82819	51.380	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	78326m	50.654	ug/l	
77) Bromobenzene	11.26	156	64312	51.957	ug/l	99
78) n-propylbenzene	11.36	91	276337	53.393	ug/l	99
79) 2-Chlorotoluene	11.42	91	166217	53.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204864	54.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24687	50.884	ug/l	95
82) 4-Chlorotoluene	11.51	91	196069	53.181	ug/l	100
83) tert-Butylbenzene	11.77	119	202692	53.687	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	211703	51.407	ug/l	99
85) sec-Butylbenzene	11.94	105	242731	52.575	ug/l	99
86) p-Isopropyltoluene	12.07	119	218185	53.353	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	118255	49.781	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	124146	51.051	ug/l	100
89) n-Butylbenzene	12.39	91	191531	50.534	ug/l	100
90) Hexachloroethane	12.60	117	36203	53.024	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	133491	56.095	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20500	52.118	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	89184	53.236	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	41731	47.421	ug/l	100
95) Naphthalene	13.83	128	278742	50.996	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91233	53.455	ug/l	99

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

