

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005915.D
 Acq On : 12 Nov 2018 21:47
 Operator : JC/MD
 Sample : J5912-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003MW273-181108MS

Manual Integrations
 APPROVED

MMDadoda
 11/13/2018 12:19:10 PM

Quant Time: Nov 13 06:27:00 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	5.66	168	104260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	144564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	60497	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
35) Dibromofluoromethane	5.50	113	48109	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	8.71	98	178351	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	11.14	95	66996	57.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	43592	46.373	ug/l	99
3) Chloromethane	1.32	50	57899	46.933	ug/l	98
4) Vinyl Chloride	1.40	62	60020	48.463	ug/l	96
5) Bromomethane	1.64	94	35410	46.721	ug/l	100
6) Chloroethane	1.71	64	36132	48.896	ug/l	99
7) Trichlorofluoromethane	1.93	101	82033	49.901	ug/l	100
8) Diethyl Ether	2.19	74	33124	51.422	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	45284	47.895	ug/l	99
10) Methyl Iodide	2.51	142	61483	53.655	ug/l	99
11) Tert butyl alcohol	3.07	59	81357	236.945	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44567	48.361	ug/l	95
13) Acrolein	2.29	56	62294	370.495	ug/l	100
14) Allyl chloride	2.73	41	101174	49.157	ug/l	99
15) Acrylonitrile	3.15	53	180785	254.065	ug/l	96
16) Acetone	2.45	43	156699	242.809	ug/l	100
17) Carbon Disulfide	2.57	76	132109	48.061	ug/l	98
18) Methyl Acetate	2.78	43	91909	53.239	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	167894	53.380	ug/l #	90
20) Methylene Chloride	2.85	84	53288	50.267	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	48582	49.982	ug/l	97
22) Diisopropyl ether	3.87	45	176634	48.990	ug/l #	90
23) Vinyl Acetate	3.82	43	770575	249.265	ug/l	100
24) 1,1-Dichloroethane	3.70	63	97095	50.476	ug/l	99
25) 2-Butanone	4.70	43	239357	235.911	ug/l	97
26) 2,2-Dichloropropane	4.58	77	62991	44.641	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	53377	49.733	ug/l	99
28) Bromochloromethane	5.02	49	45677	53.132	ug/l	99
29) Tetrahydrofuran	5.15	42	156958	240.935	ug/l	99
30) Chloroform	5.21	83	92701	49.951	ug/l	87
31) Cyclohexane	5.57	56	78182	46.822	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	77167	49.851	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64384	46.199	ug/l	99
37) Ethyl Acetate	4.85	43	86909	47.422	ug/l	98
38) Carbon Tetrachloride	5.78	117	67633	48.476	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72566	51.375	ug/l	99
40) Benzene	6.15	78	201491	49.595	ug/l	97
41) Methacrylonitrile	5.06	41	50329	50.824	ug/l	99
42) 1,2-Dichloroethane	6.20	62	72090	49.540	ug/l	100
43) Isopropyl Acetate	6.46	43	130135	49.005	ug/l	97
44) Trichloroethene	7.21	130	52875	51.248	ug/l	98
45) 1,2-Dichloropropane	7.52	63	52254	52.990	ug/l	100
46) Dibromomethane	7.66	93	34337	55.491	ug/l	99
47) Bromodichloromethane	7.90	83	66718	57.052	ug/l	100
48) Methyl methacrylate	7.77	41	68953	57.827	ug/l	99
49) 1,4-Dioxane	7.75	88	28122	1094.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	462813	276.533	ug/l	100
52) Toluene	8.79	92	121325	53.432	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	73856	53.518	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	76572	54.438	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	50687	50.088	ug/l	98
56) Ethyl methacrylate	9.18	69	81158	53.600	ug/l	99
57) 1,3-Dichloropropane	9.37	76	85839	50.476	ug/l	99
59) 2-Hexanone	9.50	43	365433	247.713	ug/l	99
60) Dibromochloromethane	9.59	129	54403	49.744	ug/l	99
61) 1,2-Dibromoethane	9.67	107	53269	47.604	ug/l	100
64) Tetrachloroethene	9.34	164	53999	46.967	ug/l	98
65) Chlorobenzene	10.14	112	139356	51.513	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	50723	53.932	ug/l	100
67) Ethyl Benzene	10.25	91	236405	54.497	ug/l	100
68) m/p-Xylenes	10.36	106	182543	110.321	ug/l	99
69) o-Xylene	10.70	106	87112	58.712	ug/l	98
70) Stvrene	10.71	104	146672	59.925	ug/l	99
71) Bromoform	10.86	173	45188	57.316	ug/l #	99
73) Isopropylbenzene	11.02	105	240217	54.912	ug/l	99
74) N-amyl acetate	10.90	43	120470	49.103	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83450	51.972	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80834m	52.478	ug/l	
77) Bromobenzene	11.26	156	63752	51.704	ug/l	100
78) n-propylbenzene	11.36	91	276400	53.612	ug/l	99
79) 2-Chlorotoluene	11.42	91	164242	52.706	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	206162	55.457	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24328	50.338	ug/l	98
82) 4-Chlorotoluene	11.51	91	195794	53.313	ug/l	100
83) tert-Butylbenzene	11.77	119	204384	54.345	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	211209	51.486	ug/l	100
85) sec-Butylbenzene	11.94	105	243497	52.946	ug/l	100
86) p-Isopropyltoluene	12.07	119	218412	53.615	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	119285	50.409	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	124702	51.478	ug/l	100
89) n-Butylbenzene	12.39	91	190974	50.582	ug/l	100
90) Hexachloroethane	12.60	117	35896	52.778	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	134468	56.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20845	53.200	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	88391	52.967	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	42470	48.448	ug/l	99
95) Naphthalene	13.83	128	279968	51.409	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	90742	53.373	ug/l	99

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

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