

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002292.D
 Acq On : 05 Jun 2018 06:18
 Operator : JC/MD
 Sample : J3269-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-180531MS

Manual Integrations
 APPROVED

apatel
 6/5/2018 6:28:17 PM

Quant Time: Jun 05 09:01:17 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	201212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	344799	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	176193	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	
35) Dibromofluoromethane	5.51	113	133117	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	8.72	98	485987	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
62) 4-Bromofluorobenzene	11.14	95	193512	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72771	34.791	ug/l	98
3) Chloromethane	1.32	50	143992	60.695	ug/l	99
4) Vinyl Chloride	1.41	62	134358	50.967	ug/l	98
5) Bromomethane	1.64	94	94130	64.034	ug/l	99
6) Chloroethane	1.72	64	94622	55.489	ug/l	98
7) Trichlorofluoromethane	1.92	101	176739	44.003	ug/l	99
8) Diethyl Ether	2.19	74	99712	70.858	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78671	36.296	ug/l	98
10) Methyl Iodide	2.51	142	190909	62.620	ug/l	99
11) Tert butyl alcohol	3.09	59	184111	317.559	ug/l	98
12) 1,1-Dichloroethene	2.37	96	108877	50.829	ug/l	98
13) Acrolein	2.30	56	96200	340.244	ug/l	98
14) Allyl chloride	2.73	41	251092	54.015	ug/l	99
15) Acrylonitrile	3.15	53	424716	350.724	ug/l	100
16) Acetone	2.45	43	392888	323.095	ug/l	100
17) Carbon Disulfide	2.57	76	263336	46.644	ug/l	99
18) Methyl Acetate	2.78	43	182507	64.074	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	520537	70.778	ug/l	100
20) Methylene Chloride	2.86	84	154314	68.871	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	129417	54.788	ug/l	97
22) Diisopropyl ether	3.88	45	487521	63.168	ug/l	100
23) Vinyl Acetate	3.83	43	1897301	251.771	ug/l	99
24) 1,1-Dichloroethane	3.70	63	242712	52.827	ug/l	99
25) 2-Butanone	4.71	43	561142	284.428	ug/l	99
26) 2,2-Dichloropropane	4.59	77	125405	34.918	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	144088	56.089	ug/l	94
28) Bromochloromethane	5.03	49	135617	70.891	ug/l	99
29) Tetrahydrofuran	5.17	42	369178	290.237	ug/l	99
30) Chloroform	5.22	83	256600	57.878	ug/l	96
31) Cyclohexane	5.58	56	138820	38.210	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	199198	52.980	ug/l	100
36) 1,1-Dichloropropene	5.81	75	154941	42.481	ug/l	99
37) Ethyl Acetate	4.87	43	204525	46.629	ug/l	99
38) Carbon Tetrachloride	5.79	117	158408	41.516	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	123760	27.584	ug/l	97
40) Benzene	6.15	78	550409	49.218	ug/l	99
41) Methacrylonitrile	5.07	41	130938	52.148	ug/l	99
42) 1,2-Dichloroethane	6.20	62	230722	51.928	ug/l	100
43) Isopropyl Acetate	6.47	43	356280	47.822	ug/l	100
44) Trichloroethene	7.22	130	149330	48.113	ug/l	99
45) 1,2-Dichloropropane	7.52	63	151961	50.334	ug/l	99
46) Dibromomethane	7.67	93	104833	51.222	ug/l	98
47) Bromodichloromethane	7.90	83	189700	51.249	ug/l	99
48) Methyl methacrylate	7.78	41	195800	52.322	ug/l	99
49) 1,4-Dioxane	7.76	88	70165	1002.773	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1227275	264.528	ug/l	100
52) Toluene	8.79	92	350217	49.239	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	216277	48.723	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	204100	48.736	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	154667	52.871	ug/l	99
56) Ethyl methacrylate	9.18	69	243659	52.170	ug/l	99
57) 1,3-Dichloropropane	9.38	76	257229	52.413	ug/l	100
59) 2-Hexanone	9.50	43	937369	261.574	ug/l	99
60) Dibromochloromethane	9.59	129	158401	53.833	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164360	53.885	ug/l	100
64) Tetrachloroethene	9.34	164	151570	42.624	ug/l	99
65) Chlorobenzene	10.14	112	415435	48.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	154616	49.771	ug/l	100
67) Ethyl Benzene	10.26	91	681111	47.438	ug/l	98
68) m/p-Xylenes	10.37	106	534634	95.789	ug/l	98
69) o-Xylene	10.70	106	274167	49.361	ug/l	98
70) Styrene	10.71	104	439774	48.433	ug/l	99
71) Bromoform	10.86	173	124387	45.074	ug/l	100
73) Isopropylbenzene	11.02	105	673594	45.118	ug/l	100
74) N-amyl acetate	6.47	43	356280	44.288	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	235627	50.180	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234637m	49.825	ug/l	
77) Bromobenzene	11.26	156	205172	48.951	ug/l	99
78) n-propylbenzene	11.37	91	748973	45.135	ug/l	100
79) 2-Chlorotoluene	11.43	91	488503	46.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	597342	46.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56650	42.168	ug/l	96
82) 4-Chlorotoluene	11.51	91	574997	47.543	ug/l	100
83) tert-Butylbenzene	11.77	119	569262	45.651	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	630767	47.851	ug/l	99
85) sec-Butylbenzene	11.95	105	644098	44.060	ug/l	99
86) p-Isopropyltoluene	12.07	119	593173	44.547	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	359827	48.014	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	366556	47.453	ug/l	99
89) n-Butylbenzene	12.39	91	470256	42.108	ug/l	100
90) Hexachloroethane	12.60	117	93662	44.064	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	383813	49.499	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52194	50.830	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	255844	47.056	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	103311	38.453	ug/l	99
95) Naphthalene	13.84	128	813995	52.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	274883	49.574	ug/l	99

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

