

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005648.D
 Acq On : 27 Oct 2018 11:20
 Operator : JC/MD
 Sample : J5692-12MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ459I-20181025MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:41:19 PM

Quant Time: Oct 29 02:41:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	219978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	328019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196172	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	134397	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.49	113	112783	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
50) Toluene-d8	8.71	98	373701	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.14	95	144032	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136358	62.801	ug/l	97
3) Chloromethane	1.32	50	146451	52.963	ug/l	95
4) Vinyl Chloride	1.40	62	144600	53.183	ug/l	100
5) Bromomethane	1.64	94	78616	46.468	ug/l	94
6) Chloroethane	1.72	64	86509	49.806	ug/l	97
7) Trichlorofluoromethane	1.93	101	195211	51.671	ug/l	94
8) Diethyl Ether	2.19	74	75011	49.752	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106633	49.193	ug/l	97
10) Methyl Iodide	2.51	142	121641	53.529	ug/l	97
11) Tert butyl alcohol	3.07	59	169233	234.202	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110305	53.418	ug/l	88
13) Acrolein	2.29	56	76807	208.375	ug/l	95
14) Allyl chloride	2.73	41	225113	48.847	ug/l	99
15) Acrylonitrile	3.15	53	390415	240.948	ug/l	94
16) Acetone	2.45	43	355556	250.581	ug/l	97
17) Carbon Disulfide	2.57	76	310310	49.298	ug/l	100
18) Methyl Acetate	2.78	43	192177	54.970	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	383405	52.051	ug/l	99
20) Methylene Chloride	2.86	84	126719	53.323	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	107624	47.735	ug/l	94
22) Diisopropyl ether	3.87	45	413987	51.441	ug/l #	93
23) Vinyl Acetate	3.82	43	1799286	253.858	ug/l	99
24) 1,1-Dichloroethane	3.70	63	225367	51.507	ug/l	99
25) 2-Butanone	4.70	43	566786	262.312	ug/l	95
26) 2,2-Dichloropropane	4.59	77	99024	29.314	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	124200	51.098	ug/l	95
28) Bromochloromethane	5.02	49	107311	50.709	ug/l	92
29) Tetrahydrofuran	5.15	42	359757	255.844	ug/l	100
30) Chloroform	5.21	83	208766	51.008	ug/l	98
31) Cyclohexane	5.57	56	194234	53.653	ug/l #	83
32) 1,1,1-Trichloroethane	5.49	97	183322	50.749	ug/l	98
36) 1,1-Dichloropropene	5.80	75	156169	49.059	ug/l	96
37) Ethyl Acetate	4.85	43	192222	47.320	ug/l	100
38) Carbon Tetrachloride	5.78	117	170275	50.787	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158356	45.050	ug/l	99
40) Benzene	6.14	78	483094	52.940	ug/l	97
41) Methacrylonitrile	5.07	41	115398	50.999	ug/l	97
42) 1,2-Dichloroethane	6.20	62	171808	49.562	ug/l	99
43) Isopropyl Acetate	6.46	43	296091	48.642	ug/l	95
44) Trichloroethene	7.21	130	123165	49.545	ug/l	94
45) 1,2-Dichloropropane	7.51	63	115804	47.203	ug/l	97
46) Dibromomethane	7.66	93	72977	46.056	ug/l	98
47) Bromodichloromethane	7.90	83	144583	47.014	ug/l	99
48) Methyl methacrylate	7.77	41	144249	48.643	ug/l	99
49) 1,4-Dioxane	7.75	88	52877	815.944	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1021348	249.660	ug/l	97
52) Toluene	8.79	92	261664	47.182	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	149857	45.087	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	155378	43.421	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	109277	46.736	ug/l	98
56) Ethyl methacrylate	9.18	69	172985	49.600	ug/l	100
57) 1,3-Dichloropropane	9.37	76	182372	46.097	ug/l	99
59) 2-Hexanone	9.49	43	759875	235.583	ug/l	100
60) Dibromochloromethane	9.59	129	118061	48.396	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113886	47.081	ug/l	99
64) Tetrachloroethene	9.34	164	101809	42.608	ug/l	98
65) Chlorobenzene	10.14	112	298297	48.667	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111505	49.892	ug/l	98
67) Ethyl Benzene	10.25	91	519381	51.503	ug/l	100
68) m/p-Xylenes	10.36	106	399416	102.088	ug/l	99
69) o-Xylene	10.70	106	190880	51.857	ug/l	99
70) Styrene	10.71	104	318271	51.651	ug/l	99
71) Bromoform	10.86	173	108850	54.580	ug/l	98
73) Isopropylbenzene	11.02	105	556983	46.448	ug/l	99
74) N-amyl acetate	10.90	43	256904	43.236	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	191320	43.245	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	184187m	44.314	ug/l	
77) Bromobenzene	11.26	156	142879	42.753	ug/l	97
78) n-propylbenzene	11.36	91	707086	51.567	ug/l	98
79) 2-Chlorotoluene	11.42	91	428634	50.417	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	473404	46.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49670	39.048	ug/l	94
82) 4-Chlorotoluene	11.51	91	461996	46.084	ug/l	99
83) tert-Butylbenzene	11.77	119	518973	50.753	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	554843	53.367	ug/l	99
85) sec-Butylbenzene	11.94	105	635513	52.085	ug/l	99
86) p-Isopropyltoluene	12.06	119	573145	52.546	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	324092	51.570	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	312620	47.656	ug/l	97
89) n-Butylbenzene	12.39	91	484716	49.225	ug/l	96
90) Hexachloroethane	12.60	117	96714	51.410	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	330805	52.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53128	49.666	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	253911	55.090	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	111934	46.864	ug/l	95
95) Naphthalene	13.83	128	734156	54.798	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	238295	51.003	ug/l	93

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

