

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006156.D
 Acq On : 22 Nov 2018 06:43
 Operator : JC/MD
 Sample : J6047-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-MW-101MSD

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 9:49:02 AM

Quant Time: Nov 22 07:27:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279012	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416721	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172203	53.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.52%	
35) Dibromofluoromethane	5.50	113	141937	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	8.71	98	539675	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	197825	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101384	48.898	ug/l	99
3) Chloromethane	1.32	50	129414	49.410	ug/l	99
4) Vinyl Chloride	1.41	62	132577	49.764	ug/l	97
5) Bromomethane	1.64	94	96941	47.511	ug/l	98
6) Chloroethane	1.72	64	80151	62.510	ug/l	99
7) Trichlorofluoromethane	1.93	101	177100	50.815	ug/l	98
8) Diethyl Ether	2.19	74	72852	49.450	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	99598	48.194	ug/l	98
10) Methyl Iodide	2.51	142	126776	48.929	ug/l	99
11) Tert butyl alcohol	3.07	59	151766	220.668	ug/l	99
12) 1,1-Dichloroethene	2.37	96	101432	50.347	ug/l	98
13) Acrolein	2.29	56	93283	226.665	ug/l	100
14) Allyl chloride	2.73	41	200875	48.735	ug/l	99
15) Acrylonitrile	3.15	53	362036	238.324	ug/l	99
16) Acetone	2.45	43	337026	234.918	ug/l	98
17) Carbon Disulfide	2.57	76	290887	53.473	ug/l	99
18) Methyl Acetate	2.78	43	166908	45.367	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	360113	51.712	ug/l	99
20) Methylene Chloride	2.85	84	115820	53.361	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	106253	50.407	ug/l	94
22) Diisopropyl ether	3.87	45	475383	53.876	ug/l	97
23) Vinyl Acetate	3.82	43	1771500	241.997	ug/l	100
24) 1,1-Dichloroethane	3.70	63	211004	50.759	ug/l	98
25) 2-Butanone	4.70	43	629328	236.331	ug/l	99
26) 2,2-Dichloropropane	4.58	77	131691	38.437	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	148334	50.349	ug/l	99
28) Bromochloromethane	5.02	49	129245	53.346	ug/l	100
29) Tetrahydrofuran	5.15	42	410090	246.869	ug/l	99
30) Chloroform	5.21	83	253796	50.381	ug/l	99
31) Cyclohexane	5.57	56	215055	49.527	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	215316	52.935	ug/l	99
36) 1,1-Dichloropropene	5.80	75	183224	48.330	ug/l	99
37) Ethyl Acetate	4.85	43	210047	43.064	ug/l	99
38) Carbon Tetrachloride	5.78	117	185839	52.152	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	204005	47.234	ug/l	99
40) Benzene	6.14	78	558742	50.025	ug/l	98
41) Methacrylonitrile	5.06	41	130020	48.371	ug/l	99
42) 1,2-Dichloroethane	6.20	62	206346	49.415	ug/l	100
43) Isopropyl Acetate	6.46	43	332990	47.273	ug/l	100
44) Trichloroethene	7.21	130	154119	49.646	ug/l	95
45) 1,2-Dichloropropane	7.52	63	150951	51.067	ug/l	100
46) Dibromomethane	7.66	93	101156	49.970	ug/l	99
47) Bromodichloromethane	7.90	83	193069	51.567	ug/l	99
48) Methyl methacrylate	7.77	41	191229	53.529	ug/l	99
49) 1,4-Dioxane	7.75	88	68759	811.269	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1275524	252.589	ug/l	100
52) Toluene	8.79	92	358273	51.859	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	197456	50.539	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	210551	48.749	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	151528	50.644	ug/l	97
56) Ethyl methacrylate	9.18	69	222842	47.953	ug/l	99
57) 1,3-Dichloropropane	9.37	76	248021	50.291	ug/l	100
59) 2-Hexanone	9.49	43	995163	248.320	ug/l	100
60) Dibromochloromethane	9.59	129	155381	52.970	ug/l	99
61) 1,2-Dibromoethane	9.67	107	157128	50.976	ug/l	100
64) Tetrachloroethene	9.34	164	155643	47.516	ug/l	98
65) Chlorobenzene	10.14	112	408640	50.050	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	146335	52.206	ug/l	99
67) Ethyl Benzene	10.25	91	692091	51.771	ug/l	99
68) m/p-Xylenes	10.36	106	542612	104.237	ug/l	99
69) o-Xylene	10.70	106	259344	52.157	ug/l	99
70) Styrene	10.71	104	434587	53.603	ug/l	100
71) Bromoform	10.86	173	126519	50.425	ug/l	99
73) Isopropylbenzene	11.02	105	703177	52.648	ug/l	99
74) N-amyl acetate	10.90	43	290042	42.927	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	246439	48.961	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	229639m	50.530	ug/l	
77) Bromobenzene	11.26	156	188987	50.511	ug/l	99
78) n-propylbenzene	11.36	91	811442	52.168	ug/l	100
79) 2-Chlorotoluene	11.42	91	482237	51.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	592138	52.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	62107	46.222	ug/l	98
82) 4-Chlorotoluene	11.51	91	569581	51.867	ug/l	99
83) tert-Butylbenzene	11.77	119	587259	53.420	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	609780	53.086	ug/l	100
85) sec-Butylbenzene	11.94	105	705182	52.443	ug/l	99
86) p-Isopropyltoluene	12.07	119	629876	52.539	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343742	49.827	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	347621	48.608	ug/l	99
89) n-Butylbenzene	12.39	91	537089	49.480	ug/l	100
90) Hexachloroethane	12.60	117	101390	52.996	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	349775	49.593	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57081	48.873	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	246019	49.516	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	112971	46.654	ug/l	99
95) Naphthalene	13.83	128	781097	53.463	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	255154	50.373	ug/l	99

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

