

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002388.D
 Acq On : 07 Jun 2018 19:53
 Operator : JC/MD
 Sample : J3340-02MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-0064MS

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:28 PM

Quant Time: Jun 08 09:08:37 2018
 Quant Method : Z:\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	227719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333215	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209771	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	160621	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.51	113	124584	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.72	98	475879	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
62) 4-Bromofluorobenzene	11.14	95	183518	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	116502	49.215	ug/l	98
3) Chloromethane	1.32	50	133850	49.308	ug/l	98
4) Vinyl Chloride	1.41	62	153141	51.331	ug/l	99
5) Bromomethane	1.64	94	81875	48.386	ug/l	98
6) Chloroethane	1.72	64	100903	52.285	ug/l	100
7) Trichlorofluoromethane	1.93	101	256989	56.535	ug/l	98
8) Diethyl Ether	2.19	74	94107	58.673	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140713	57.363	ug/l	99
10) Methyl Iodide	2.51	142	138829	40.237	ug/l	99
11) Tert butyl alcohol	3.08	59	196001	297.440	ug/l	99
12) 1,1-Dichloroethene	2.37	96	129769	53.530	ug/l	99
13) Acrolein	2.30	56	66998	205.474	ug/l	100
14) Allyl chloride	2.73	41	259652	49.354	ug/l	99
15) Acrylonitrile	3.15	53	411088	298.496	ug/l	100
16) Acetone	2.45	43	388157	279.411	ug/l	99
17) Carbon Disulfide	2.57	76	304096	47.594	ug/l	98
18) Methyl Acetate	2.78	43	187594	57.931	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	492063	58.704	ug/l	99
20) Methylene Chloride	2.86	84	147014	57.512	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	138431	51.782	ug/l	98
22) Diisopropyl ether	3.87	45	459022	52.295	ug/l	94
23) Vinyl Acetate	3.83	43	1879673	220.397	ug/l	100
24) 1,1-Dichloroethane	3.70	63	230785	44.384	ug/l	98
25) 2-Butanone	4.71	43	531324	237.966	ug/l	99
26) 2,2-Dichloropropane	4.59	77	169050	41.592	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	138208	47.538	ug/l	94
28) Bromochloromethane	5.03	49	121145	55.147	ug/l	100
29) Tetrahydrofuran	5.17	42	347810	241.609	ug/l	99
30) Chloroform	5.22	83	248588	49.544	ug/l	99
31) Cyclohexane	5.57	56	207445	50.453	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	215344	50.607	ug/l	99
36) 1,1-Dichloropropene	5.81	75	176740	50.453	ug/l	99
37) Ethyl Acetate	4.87	43	199485	47.352	ug/l	100
38) Carbon Tetrachloride	5.79	117	187630	51.199	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	209094	48.323	ug/l	98
40) Benzene	6.15	78	531725	49.505	ug/l	99
41) Methacrylonitrile	5.07	41	118488	49.132	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210067	49.226	ug/l	100
43) Isopropyl Acetate	6.47	43	339761	47.483	ug/l	100
44) Trichloroethene	7.22	130	150968	50.643	ug/l	95
45) 1,2-Dichloropropane	7.52	63	142522	49.151	ug/l	100
46) Dibromomethane	7.67	93	95973	48.824	ug/l	99
47) Bromodichloromethane	7.90	83	177319	49.877	ug/l	98
48) Methyl methacrylate	7.78	41	178129	49.559	ug/l	98
49) 1,4-Dioxane	7.76	88	71454	1063.236	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1152160	258.561	ug/l	99
52) Toluene	8.79	92	350130	51.253	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	206481	48.431	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	195703	48.654	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	144128	51.297	ug/l	99
56) Ethyl methacrylate	9.18	69	223844	49.901	ug/l	99
57) 1,3-Dichloropropane	9.38	76	236647	50.205	ug/l	100
59) 2-Hexanone	9.50	43	886789	257.647	ug/l	99
60) Dibromochloromethane	9.59	129	146335	51.780	ug/l	99
61) 1,2-Dibromoethane	9.68	107	149328	50.972	ug/l	98
64) Tetrachloroethene	9.34	164	163483	48.427	ug/l	97
65) Chlorobenzene	10.15	112	402678	49.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	147780	50.109	ug/l	100
67) Ethyl Benzene	10.26	91	699233	51.299	ug/l	99
68) m/p-Xylenes	10.37	106	543909	102.652	ug/l	99
69) o-Xylene	10.70	106	266916	50.620	ug/l	100
70) Styrene	10.71	104	444108	51.521	ug/l	99
71) Bromoform	10.86	173	113290	43.384	ug/l	100
73) Isopropylbenzene	11.02	105	725802	49.737	ug/l	99
74) N-amyl acetate	6.47	43	339761	43.210	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	219978	47.930	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215875m	46.899	ug/l	
77) Bromobenzene	11.26	156	196412	47.944	ug/l	99
78) n-propylbenzene	11.37	91	829503	51.143	ug/l	100
79) 2-Chlorotoluene	11.43	91	489334	47.780	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	620250	49.555	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	54498	41.503	ug/l	95
82) 4-Chlorotoluene	11.51	91	582162	49.247	ug/l	100
83) tert-Butylbenzene	11.77	119	620394	50.901	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	643570	49.950	ug/l	100
85) sec-Butylbenzene	11.95	105	749871	52.480	ug/l	100
86) p-Isopropyltoluene	12.07	119	675410	51.894	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	361342	49.330	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	365787	48.447	ug/l	99
89) n-Butylbenzene	12.39	91	578114	52.962	ug/l	100
90) Hexachloroethane	12.60	117	98086	47.211	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	371539	49.023	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49589	49.408	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	265190	49.902	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	140123	53.359	ug/l	98
95) Naphthalene	13.84	128	782060	51.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	272490	50.278	ug/l	100

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

