

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007624.D
 Acq On : 21 Feb 2019 12:16
 Operator : JC/SP
 Sample : VX0221WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 10:40:23 AM

Quant Time: Feb 22 05:39:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	438105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	660211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	585569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	292350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	239731	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	5.50	113	218529	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	770873	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	267659	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	83176	15.573	ug/l	97
3) Chloromethane	1.33	50	74599	15.117	ug/l	100
4) Vinyl Chloride	1.41	62	83279	17.203	ug/l	100
5) Bromomethane	1.64	94	77545	15.865	ug/l	99
6) Chloroethane	1.72	64	52602	16.797	ug/l	96
7) Trichlorofluoromethane	1.93	101	136539	18.030	ug/l	99
8) Diethyl Ether	2.19	74	51696	18.137	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77851	17.282	ug/l	98
10) Methyl Iodide	2.51	142	98709	14.896	ug/l	97
11) Tert butyl alcohol	3.07	59	96734	100.519	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68657	16.413	ug/l	94
13) Acrolein	2.29	56	34449	76.338	ug/l	97
14) Allyl chloride	2.73	41	121870	17.881	ug/l	97
15) Acrylonitrile	3.15	53	223367	93.826	ug/l	100
16) Acetone	2.45	43	217172	101.954	ug/l	95
17) Carbon Disulfide	2.57	76	157813	15.937	ug/l	99
18) Methyl Acetate	2.78	43	125820	22.994	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	245584	18.122	ug/l	98
20) Methylene Chloride	2.86	84	80009	18.138	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	72154	16.193	ug/l	92
22) Diisopropyl ether	3.87	45	244639	19.513	ug/l	97
23) Vinyl Acetate	3.82	43	1013045	97.375	ug/l	100
24) 1,1-Dichloroethane	3.70	63	137496	19.097	ug/l	98
25) 2-Butanone	4.70	43	323450	106.700	ug/l	98
26) 2,2-Dichloropropane	4.59	77	107222	19.555	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	91073	18.712	ug/l	98
28) Bromochloromethane	5.02	49	66373	20.047	ug/l	96
29) Tetrahydrofuran	5.15	42	200356	105.089	ug/l	99
30) Chloroform	5.21	83	150308	20.007	ug/l	98
31) Cyclohexane	5.57	56	109084	16.870	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	124530	19.637	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98752	16.671	ug/l	99
37) Ethyl Acetate	4.85	43	115176	19.234	ug/l	97
38) Carbon Tetrachloride	5.79	117	107489	18.704	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117063	16.334	ug/l	97
40) Benzene	6.15	78	317570	18.200	ug/l	98
41) Methacrylonitrile	5.06	41	63579	19.811	ug/l	98
42) 1,2-Dichloroethane	6.20	62	109670	18.165	ug/l	97
43) Isopropyl Acetate	6.46	43	179404	19.410	ug/l	99
44) Trichloroethene	7.21	130	90802	17.278	ug/l	99
45) 1,2-Dichloropropane	7.52	63	83074	19.001	ug/l	98
46) Dibromomethane	7.66	93	58936	18.547	ug/l	97
47) Bromodichloromethane	7.90	83	104124	19.335	ug/l	95
48) Methyl methacrylate	7.77	41	91338	19.757	ug/l	100
49) 1,4-Dioxane	7.75	88	42983	412.886	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	606841	99.735	ug/l	99
52) Toluene	8.78	92	199364	17.708	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	108717	18.794	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	120679	18.971	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	89129	18.992	ug/l	94
56) Ethyl methacrylate	9.18	69	119395	18.369	ug/l	99
57) 1,3-Dichloropropane	9.37	76	139644	18.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	336512	98.227	ug/l	99
59) 2-Hexanone	9.49	43	467942	98.831	ug/l	99
60) Dibromochloromethane	9.58	129	90311	20.348	ug/l	100
61) 1,2-Dibromoethane	9.67	107	92828	18.678	ug/l	100
64) Tetrachloroethene	9.34	164	91906	16.652	ug/l	97
65) Chlorobenzene	10.14	112	227558	17.808	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	84726	19.777	ug/l	99
67) Ethyl Benzene	10.25	91	364500	17.713	ug/l	98
68) m/p-Xylenes	10.36	106	286598	35.037	ug/l	99
69) o-Xylene	10.70	106	139077	17.669	ug/l	97
70) Styrene	10.71	104	229104	17.948	ug/l	99
71) Bromoform	10.86	173	63730	19.623	ug/l #	97
73) Isopropylbenzene	11.02	105	376014	18.927	ug/l	99
74) N-amyl acetate	10.90	43	153536	19.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	128287	21.188	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	119781m	21.064	ug/l	
77) Bromobenzene	11.26	156	103644	18.516	ug/l	99
78) n-propylbenzene	11.36	91	412126	18.918	ug/l	100
79) 2-Chlorotoluene	11.42	91	247999	18.761	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304604	18.741	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33163	20.730	ug/l	96
82) 4-Chlorotoluene	11.51	91	281585	18.410	ug/l	99
83) tert-Butylbenzene	11.77	119	316612	19.675	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	315237	19.104	ug/l	98
85) sec-Butylbenzene	11.94	105	371692	19.084	ug/l	99
86) p-Isopropyltoluene	12.06	119	327592	18.633	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	181537	18.071	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	181301	17.789	ug/l	99
89) n-Butylbenzene	12.39	91	270921	17.913	ug/l	100
90) Hexachloroethane	12.60	117	53766	20.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	183303	18.335	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25834	20.521	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119065	17.660	ug/l	99
94) Hexachlorobutadiene	13.78	225	58997	18.021	ug/l	99
95) Naphthalene	13.83	128	370466	18.790	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123804	18.242	ug/l	100

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

