

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040619\
 Data File : VX008719.D
 Acq On : 06 Apr 2019 14:41
 Operator : JC/SP
 Sample : VX0406WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:37:38 PM

Quant Time: Apr 08 03:44:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302937	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124078	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	5.50	113	91935	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
50) Toluene-d8	8.71	98	370207	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.13	95	132368	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35044	16.690	ug/l	96
3) Chloromethane	1.32	50	48300	17.678	ug/l	98
4) Vinyl Chloride	1.40	62	46974	16.550	ug/l	99
5) Bromomethane	1.64	94	22440	17.329	ug/l	97
6) Chloroethane	1.71	64	31157	18.172	ug/l	98
7) Trichlorofluoromethane	1.92	101	53551	17.068	ug/l	97
8) Diethyl Ether	2.19	74	25810	17.346	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34611	17.134	ug/l	99
10) Methyl Iodide	2.51	142	27334	17.671	ug/l	100
11) Tert butyl alcohol	3.05	59	56149	90.147	ug/l	99
12) 1,1-Dichloroethene	2.37	96	35157	16.672	ug/l	98
13) Acrolein	2.29	56	43214	139.920	ug/l	97
14) Allyl chloride	2.73	41	81759	16.936	ug/l	100
15) Acrylonitrile	3.14	53	145284	88.047	ug/l	100
16) Acetone	2.45	43	129100	84.248	ug/l	99
17) Carbon Disulfide	2.57	76	101654	16.193	ug/l	99
18) Methyl Acetate	2.78	43	65035	17.499	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	133613	17.742	ug/l	99
20) Methylene Chloride	2.85	84	42710	16.651	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	37795	16.569	ug/l	94
22) Diisopropyl ether	3.85	45	164421	17.671	ug/l	91
23) Vinyl Acetate	3.81	43	720672	89.033	ug/l	99
24) 1,1-Dichloroethane	3.70	63	78938	17.135	ug/l	100
25) 2-Butanone	4.68	43	215686	89.054	ug/l	100
26) 2,2-Dichloropropane	4.58	77	53714	16.554	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	44288	16.888	ug/l	99
28) Bromochloromethane	5.01	49	38964	18.331	ug/l	99
29) Tetrahydrofuran	5.13	42	142281	88.509	ug/l	100
30) Chloroform	5.21	83	71638	17.410	ug/l	99
31) Cyclohexane	5.58	56	77059	16.764	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	57830	17.392	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55230	16.679	ug/l	100
37) Ethyl Acetate	4.84	43	81821	18.511	ug/l	99
38) Carbon Tetrachloride	5.79	117	47283	17.252	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67213	16.431	ug/l	98
40) Benzene	6.14	78	171526	17.387	ug/l	99
41) Methacrylonitrile	5.04	41	45563	17.933	ug/l	99
42) 1,2-Dichloroethane	6.19	62	61752	17.461	ug/l	100
43) Isopropyl Acetate	6.45	43	125122	18.071	ug/l	100
44) Trichloroethene	7.21	130	39562	17.219	ug/l	96
45) 1,2-Dichloropropane	7.51	63	49048	17.419	ug/l	100
46) Dibromomethane	7.66	93	27818	17.034	ug/l	98
47) Bromodichloromethane	7.90	83	53557	17.393	ug/l	100
48) Methyl methacrylate	7.77	41	62856	17.946	ug/l	99
49) 1,4-Dioxane	7.74	88	23750	361.978	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	416288	93.396	ug/l	100
52) Toluene	8.78	92	103796	17.847	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59521	17.257	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	67757	17.192	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	41330	17.703	ug/l	99
56) Ethyl methacrylate	9.18	69	77873	18.436	ug/l	100
57) 1,3-Dichloropropane	9.37	76	75053	17.903	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	212576	98.558	ug/l	100
59) 2-Hexanone	9.49	43	318291	91.887	ug/l	100
60) Dibromochloromethane	9.58	129	38302	17.411	ug/l	98
61) 1,2-Dibromoethane	9.67	107	42578	17.519	ug/l	99
64) Tetrachloroethene	9.34	164	35271	17.667	ug/l	98
65) Chlorobenzene	10.13	112	104301	17.462	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36391	17.366	ug/l	99
67) Ethyl Benzene	10.25	91	196977	17.685	ug/l	99
68) m/p-Xylenes	10.36	106	139839	34.918	ug/l	100
69) o-Xylene	10.69	106	68454	17.638	ug/l	99
70) Styrene	10.71	104	119530	17.867	ug/l	100
71) Bromoform	10.85	173	27909	17.438	ug/l #	97
73) Isopropylbenzene	11.02	105	184913	18.173	ug/l	100
74) N-amyl acetate	10.90	43	107656	17.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	69620	17.991	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	68380m	20.274	ug/l	
77) Bromobenzene	11.26	156	44105	18.031	ug/l	99
78) n-propylbenzene	11.36	91	211143	17.822	ug/l	100
79) 2-Chlorotoluene	11.42	91	127323	17.759	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	155491	18.205	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21191	17.319	ug/l	95
82) 4-Chlorotoluene	11.51	91	145589	17.543	ug/l	100
83) tert-Butylbenzene	11.77	119	146414	17.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	155284	17.955	ug/l	100
85) sec-Butylbenzene	11.94	105	174324	17.860	ug/l	99
86) p-Isopropyltoluene	12.06	119	158523	18.095	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	75501	17.242	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	75833	17.102	ug/l	99
89) n-Butylbenzene	12.38	91	142770	17.378	ug/l	100
90) Hexachloroethane	12.60	117	24644	16.961	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	77003	17.711	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14303	16.802	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51761	17.122	ug/l	99
94) Hexachlorobutadiene	13.78	225	25983	17.922	ug/l	98
95) Naphthalene	13.83	128	175670	17.387	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	50613	16.757	ug/l	98

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

