

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008686.D
 Acq On : 05 Apr 2019 17:00
 Operator : JC/SP
 Sample : VX0405WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:53 AM

Quant Time: Apr 06 02:20:29 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	178509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	296669	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125902	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.50	113	93107	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	376896	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	11.13	95	137847	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37271	18.139	ug/l	98
3) Chloromethane	1.32	50	52881	19.985	ug/l	99
4) Vinyl Chloride	1.40	62	50934	18.337	ug/l	99
5) Bromomethane	1.64	94	23697	18.551	ug/l	100
6) Chloroethane	1.72	64	32277	19.426	ug/l	99
7) Trichlorofluoromethane	1.93	101	57965	18.878	ug/l	98
8) Diethyl Ether	2.19	74	27655	18.992	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36778	18.604	ug/l	99
10) Methyl Iodide	2.51	142	25795	17.183	ug/l	98
11) Tert butyl alcohol	3.04	59	59132	97.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37251	18.050	ug/l	97
13) Acrolein	2.29	56	44456	147.085	ug/l	100
14) Allyl chloride	2.73	41	88642	18.763	ug/l	99
15) Acrylonitrile	3.14	53	150250	93.046	ug/l	99
16) Acetone	2.44	43	139983	93.345	ug/l	99
17) Carbon Disulfide	2.57	76	110680	18.100	ug/l	98
18) Methyl Acetate	2.77	43	66590	18.309	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	143312	19.445	ug/l	97
20) Methylene Chloride	2.85	84	45592	18.163	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	40825	18.289	ug/l	95
22) Diisopropyl ether	3.85	45	173063	19.006	ug/l	91
23) Vinyl Acetate	3.81	43	766428	96.754	ug/l	99
24) 1,1-Dichloroethane	3.70	63	85205	18.899	ug/l	99
25) 2-Butanone	4.67	43	225674	95.213	ug/l	100
26) 2,2-Dichloropropane	4.58	77	59543	18.752	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	47445	18.487	ug/l	100
28) Bromochloromethane	5.01	49	40959	19.929	ug/l	100
29) Tetrahydrofuran	5.13	42	147081	93.494	ug/l	100
30) Chloroform	5.21	83	76897	19.097	ug/l	100
31) Cyclohexane	5.58	56	82415	18.320	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	61526	18.908	ug/l	99
36) 1,1-Dichloropropene	5.80	75	59673	18.401	ug/l	99
37) Ethyl Acetate	4.83	43	83596	19.313	ug/l	98
38) Carbon Tetrachloride	5.78	117	50882	18.957	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	73945	18.458	ug/l	99
40) Benzene	6.14	78	182225	18.862	ug/l	99
41) Methacrylonitrile	5.04	41	47281	19.003	ug/l	99
42) 1,2-Dichloroethane	6.19	62	65960	19.045	ug/l	99
43) Isopropyl Acetate	6.45	43	131072	19.330	ug/l	100
44) Trichloroethene	7.21	130	42281	18.791	ug/l	96
45) 1,2-Dichloropropane	7.51	63	52551	19.058	ug/l	98
46) Dibromomethane	7.66	93	29139	18.220	ug/l	99
47) Bromodichloromethane	7.90	83	57177	18.961	ug/l	98
48) Methyl methacrylate	7.77	41	65688	19.151	ug/l	98
49) 1,4-Dioxane	7.74	88	25690	399.818	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	430184	98.553	ug/l	100
52) Toluene	8.78	92	109881	19.292	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64731	19.164	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	72564	18.801	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43980	19.237	ug/l	98
56) Ethyl methacrylate	9.18	69	82651	19.980	ug/l	99
57) 1,3-Dichloropropane	9.37	76	79915	19.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	203141	96.174	ug/l	100
59) 2-Hexanone	9.49	43	336059	99.067	ug/l	100
60) Dibromochloromethane	9.58	129	42202	19.589	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45474	19.106	ug/l	97
64) Tetrachloroethene	9.34	164	36807	18.795	ug/l	97
65) Chlorobenzene	10.13	112	111883	19.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	39191	19.067	ug/l	99
67) Ethyl Benzene	10.25	91	208158	19.053	ug/l	100
68) m/p-Xylenes	10.36	106	152204	38.747	ug/l	99
69) o-Xylene	10.69	106	74042	19.450	ug/l	99
70) Styrene	10.71	104	128921	19.646	ug/l	100
71) Bromoform	10.85	173	30141	19.200	ug/l #	98
73) Isopropylbenzene	11.02	105	196424	19.241	ug/l	100
74) N-amyl acetate	10.90	43	117417	19.550	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74105	19.087	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63779m	18.848	ug/l	
77) Bromobenzene	11.26	156	47915	19.524	ug/l	97
78) n-propylbenzene	11.36	91	225720	18.990	ug/l	100
79) 2-Chlorotoluene	11.42	91	136832	19.023	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	166435	19.423	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22632	18.436	ug/l	96
82) 4-Chlorotoluene	11.51	91	155429	18.667	ug/l	98
83) tert-Butylbenzene	11.77	119	157236	19.073	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	168322	19.399	ug/l	100
85) sec-Butylbenzene	11.94	105	190788	19.483	ug/l	99
86) p-Isopropyltoluene	12.06	119	170275	19.373	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	83576	19.023	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	82897	18.634	ug/l	98
89) n-Butylbenzene	12.38	91	157197	19.071	ug/l	99
90) Hexachloroethane	12.60	117	27052	18.557	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	84141	19.289	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15772	18.467	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	58114	19.161	ug/l	99
94) Hexachlorobutadiene	13.78	225	28566	19.639	ug/l	100
95) Naphthalene	13.83	128	194020	19.140	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57985	19.135	ug/l	98

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

