

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010173.D
 Acq On : 10 Jun 2019 13:25
 Operator : JC/SP
 Sample : VX0610WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:54:14 AM

Quant Time: Jun 11 07:09:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	271040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	405711	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	124598	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
35) Dibromofluoromethane	5.50	113	125113	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	8.71	98	479515	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.13	95	172114	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51003	20.451	ug/l	99
3) Chloromethane	1.33	50	48932	19.756	ug/l	100
4) Vinyl Chloride	1.41	62	50084	21.515	ug/l	100
5) Bromomethane	1.64	94	23363	26.597	ug/l	98
6) Chloroethane	1.72	64	28027	23.880	ug/l	99
7) Trichlorofluoromethane	1.93	101	76957	22.256	ug/l	98
8) Diethyl Ether	2.19	74	26196	21.980	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45009	18.883	ug/l	91
10) Methyl Iodide	2.51	142	72025	19.503	ug/l	96
11) Tert butyl alcohol	3.04	59	66006	101.843	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46087	18.931	ug/l #	78
13) Acrolein	2.29	56	12004	101.576	ug/l	98
14) Allyl chloride	2.73	41	66689	18.147	ug/l #	88
15) Acrylonitrile	3.14	53	128125	96.718	ug/l	98
16) Acetone	2.44	43	113836	91.481	ug/l	90
17) Carbon Disulfide	2.57	76	122192	17.371	ug/l	99
18) Methyl Acetate	2.78	43	51929	18.976	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	143891	18.397	ug/l	92
20) Methylene Chloride	2.85	84	51459	18.830	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	48681	18.069	ug/l #	78
22) Diisopropyl ether	3.85	45	133974	19.068	ug/l #	94
23) Vinyl Acetate	3.81	43	597438	95.315	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	78821	18.477	ug/l	96
25) 2-Butanone	4.68	43	179652	96.954	ug/l #	80
26) 2,2-Dichloropropane	4.59	77	69627	17.891	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	55937	18.663	ug/l	79
28) Bromochloromethane	5.02	49	31767	16.616	ug/l #	45
29) Tetrahydrofuran	5.13	42	113474	97.444	ug/l #	75
30) Chloroform	5.21	83	82284	18.573	ug/l	100
31) Cyclohexane	5.58	56	74270	19.291	ug/l #	79
32) 1,1,1-Trichloroethane	5.50	97	75008	18.009	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	61913	18.705	ug/l	92
37) Ethyl Acetate	4.84	43	64978	18.867	ug/l #	89
38) Carbon Tetrachloride	5.78	117	69142	18.455	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82897	18.392	ug/l #	83
40) Benzene	6.14	78	197324	19.279	ug/l	99
41) Methacrylonitrile	5.05	41	34789	18.674	ug/l #	81
42) 1,2-Dichloroethane	6.20	62	59258	18.135	ug/l	91
43) Isopropyl Acetate	6.45	43	107200	18.617	ug/l #	88
44) Trichloroethene	7.21	130	57844	18.749	ug/l	84
45) 1,2-Dichloropropane	7.51	63	48777	19.040	ug/l	95
46) Dibromomethane	7.66	93	34715	18.088	ug/l #	87
47) Bromodichloromethane	7.90	83	67564	18.840	ug/l	98
48) Methyl methacrylate	7.77	41	49715	18.461	ug/l #	74
49) 1,4-Dioxane	7.74	88	31204	406.410	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	345984	100.578	ug/l	89
52) Toluene	8.78	92	128335	19.075	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	73574	17.737	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82154	18.474	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	53714	19.494	ug/l	97
56) Ethyl methacrylate	9.18	69	83239	19.124	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	82639	19.050	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	185107	90.212	ug/l #	85
59) 2-Hexanone	9.49	43	273414	99.687	ug/l	87
60) Dibromochloromethane	9.58	129	61465	18.859	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57966	18.889	ug/l	99
64) Tetrachloroethene	9.34	164	52276	19.084	ug/l	94
65) Chlorobenzene	10.13	112	145173	19.071	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	54658	18.672	ug/l	99
67) Ethyl Benzene	10.25	91	244528	18.870	ug/l	95
68) m/p-Xylenes	10.36	106	193902	38.668	ug/l	89
69) o-Xylene	10.69	106	94765	19.011	ug/l	89
70) Styrene	10.71	104	161412	19.119	ug/l	95
71) Bromoform	10.85	173	50452	18.748	ug/l	99
73) Isopropylbenzene	11.02	105	249475	18.831	ug/l	95
74) N-amyl acetate	10.90	43	99249	18.952	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	85188	18.785	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	69751m	18.375	ug/l	
77) Bromobenzene	11.26	156	68934	18.922	ug/l	80
78) n-propylbenzene	11.36	91	271816	18.430	ug/l	94
79) 2-Chlorotoluene	11.42	91	162000	18.289	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	206043	18.466	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	30858	17.961	ug/l #	84
82) 4-Chlorotoluene	11.51	91	183375	18.224	ug/l	91
83) tert-Butylbenzene	11.77	119	213848	18.935	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	208501	18.499	ug/l	94
85) sec-Butylbenzene	11.94	105	243417	18.500	ug/l	96
86) p-Isopropyltoluene	12.06	119	222894	18.531	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	118164	18.414	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	117600	18.180	ug/l	98
89) n-Butylbenzene	12.38	91	185846	17.949	ug/l	96
90) Hexachloroethane	12.60	117	42675	17.810	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	120021	19.239	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18530	17.364	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82505	18.067	ug/l	98
94) Hexachlorobutadiene	13.78	225	38453	18.934	ug/l	98
95) Naphthalene	13.83	128	261134	18.166	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	84687	18.756	ug/l	99

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

