

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060819\
 Data File : VX010139.D
 Acq On : 08 Jun 2019 15:33
 Operator : JC/SP
 Sample : VX0608WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 9:40:25 AM

Quant Time: Jun 10 08:22:58 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	5.67	168	298312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	401814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	139552	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	138100	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	534064	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	195659	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58566	21.336	ug/l	97
3) Chloromethane	1.33	50	55186	20.244	ug/l	98
4) Vinyl Chloride	1.41	62	53612	20.925	ug/l	100
5) Bromomethane	1.64	94	25769	26.654	ug/l	95
6) Chloroethane	1.72	64	30639	23.719	ug/l	99
7) Trichlorofluoromethane	1.93	101	82354	21.639	ug/l	97
8) Diethyl Ether	2.19	74	28777	21.939	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47762	18.206	ug/l	93
10) Methyl Iodide	2.51	142	79665	19.600	ug/l	95
11) Tert butyl alcohol	3.04	59	77907	109.216	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46339	17.294	ug/l	82
13) Acrolein	2.29	56	12947	99.540	ug/l	94
14) Allyl chloride	2.73	41	76511	18.917	ug/l #	89
15) Acrylonitrile	3.14	53	144557	99.146	ug/l	98
16) Acetone	2.44	43	136861	99.930	ug/l #	88
17) Carbon Disulfide	2.57	76	140636	18.165	ug/l	99
18) Methyl Acetate	2.77	43	57115	18.963	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	162209	18.843	ug/l	95
20) Methylene Chloride	2.85	84	57286	19.046	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	56169	18.942	ug/l #	79
22) Diisopropyl ether	3.85	45	150608	19.476	ug/l #	93
23) Vinyl Acetate	3.81	43	675433	97.907	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	88817	18.917	ug/l	95
25) 2-Butanone	4.67	43	206232	101.123	ug/l #	79
26) 2,2-Dichloropropane	4.59	77	81509	19.029	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	63856	19.357	ug/l	79
28) Bromochloromethane	5.02	49	39634	18.835	ug/l #	47
29) Tetrahydrofuran	5.13	42	126459	98.667	ug/l #	74
30) Chloroform	5.21	83	94886	19.459	ug/l	99
31) Cyclohexane	5.58	56	84648	19.976	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	85581	18.669	ug/l	93
36) 1,1-Dichloropropene	5.80	75	69878	19.033	ug/l	92
37) Ethyl Acetate	4.84	43	74874	19.601	ug/l #	90
38) Carbon Tetrachloride	5.79	117	78836	18.971	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97380	19.479	ug/l #	84
40) Benzene	6.14	78	220102	19.388	ug/l	99
41) Methacrylonitrile	5.04	41	39689	19.207	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	67930	18.743	ug/l	92
43) Isopropyl Acetate	6.45	43	121316	18.994	ug/l #	89
44) Trichloroethene	7.21	130	67150	19.623	ug/l	85
45) 1,2-Dichloropropane	7.51	63	55380	19.490	ug/l	99
46) Dibromomethane	7.66	93	39810	18.701	ug/l	89
47) Bromodichloromethane	7.90	83	74723	18.785	ug/l #	98
48) Methyl methacrylate	7.77	41	57820	19.357	ug/l #	78
49) 1,4-Dioxane	7.74	88	36003	422.757	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	390329	102.299	ug/l	90
52) Toluene	8.78	92	143946	19.289	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	86030	18.698	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	94861	19.232	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	60779	19.887	ug/l	96
56) Ethyl methacrylate	9.18	69	95658	19.814	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	92986	19.325	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	223443	98.176	ug/l #	85
59) 2-Hexanone	9.49	43	315821	103.814	ug/l	87
60) Dibromochloromethane	9.58	129	69032	19.096	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66204	19.450	ug/l	99
64) Tetrachloroethene	9.34	164	57519	19.274	ug/l	99
65) Chlorobenzene	10.13	112	164442	19.829	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64091	20.096	ug/l	99
67) Ethyl Benzene	10.25	91	280145	19.843	ug/l	94
68) m/p-Xylenes	10.36	106	218902	40.069	ug/l	91
69) o-Xylene	10.69	106	107641	19.821	ug/l	89
70) Styrene	10.71	104	182991	19.895	ug/l	95
71) Bromoform	10.85	173	57820	19.721	ug/l #	98
73) Isopropylbenzene	11.02	105	283941	19.398	ug/l	96
74) N-amyl acetate	10.90	43	111975	19.352	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	96533	19.266	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	79507m	18.957	ug/l	
77) Bromobenzene	11.25	156	77265	19.195	ug/l	81
78) n-propylbenzene	11.36	91	315550	19.364	ug/l	95
79) 2-Chlorotoluene	11.42	91	186591	19.065	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	238618	19.355	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36761	19.365	ug/l #	83
82) 4-Chlorotoluene	11.51	91	212481	19.111	ug/l	92
83) tert-Butylbenzene	11.77	119	243903	19.546	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	238772	19.174	ug/l	94
85) sec-Butylbenzene	11.94	105	278690	19.170	ug/l	96
86) p-Isopropyltoluene	12.06	119	258201	19.428	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	136114	19.198	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	135691	18.985	ug/l	99
89) n-Butylbenzene	12.38	91	219698	19.204	ug/l	97
90) Hexachloroethane	12.59	117	49215	18.589	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	136337	19.779	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22092	18.737	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97691	19.362	ug/l	100
94) Hexachlorobutadiene	13.78	225	42057	18.743	ug/l	98
95) Naphthalene	13.83	128	311901	19.637	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	96401	19.323	ug/l	98

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

