

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010277.D
 Acq On : 13 Jun 2019 16:59
 Operator : JC/SP
 Sample : VX0613WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:17:39 AM

Quant Time: Jun 14 04:05:32 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	335623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	500367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	452059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	149589	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	5.50	113	146925	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	554128	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.13	95	201512	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61593	19.945	ug/l	100
3) Chloromethane	1.33	50	55728	18.170	ug/l	97
4) Vinyl Chloride	1.41	62	57631	19.993	ug/l	97
5) Bromomethane	1.64	94	29213	26.857	ug/l	99
6) Chloroethane	1.72	64	32089	22.080	ug/l	96
7) Trichlorofluoromethane	1.93	101	89432	20.887	ug/l	99
8) Diethyl Ether	2.19	74	31379	21.263	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54462	18.452	ug/l	91
10) Methyl Iodide	2.51	142	80140	17.525	ug/l	96
11) Tert butyl alcohol	3.04	59	78397	97.686	ug/l	97
12) 1,1-Dichloroethene	2.37	96	53608	17.783	ug/l #	79
13) Acrolein	2.29	56	10813	73.891	ug/l	100
14) Allyl chloride	2.73	41	78917	17.342	ug/l #	88
15) Acrylonitrile	3.14	53	156251	95.253	ug/l	99
16) Acetone	2.45	43	143239	92.960	ug/l #	89
17) Carbon Disulfide	2.57	76	133523	15.329	ug/l	98
18) Methyl Acetate	2.78	43	66582	19.648	ug/l #	85
19) Methyl tert-butyl Ether	3.20	73	179214	18.504	ug/l	92
20) Methylene Chloride	2.85	84	61586	18.199	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	56520	16.942	ug/l #	80
22) Diisopropyl ether	3.85	45	165630	19.037	ug/l #	93
23) Vinyl Acetate	3.81	43	716211	92.277	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	95582	18.094	ug/l	94
25) 2-Butanone	4.67	43	218831	95.372	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	81079	16.825	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	69002	18.592	ug/l	77
28) Bromochloromethane	5.02	49	33293	14.063	ug/l #	51
29) Tetrahydrofuran	5.13	42	133949	92.892	ug/l #	74
30) Chloroform	5.21	83	101282	18.462	ug/l	99
31) Cyclohexane	5.58	56	84197	17.661	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	90289	17.507	ug/l #	94
36) 1,1-Dichloropropene	5.80	75	71494	17.513	ug/l	92
37) Ethyl Acetate	4.83	43	79678	18.759	ug/l #	90
38) Carbon Tetrachloride	5.79	117	78784	17.051	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	94307	16.966	ug/l #	81
40) Benzene	6.14	78	234344	18.565	ug/l	99
41) Methacrylonitrile	5.04	41	41733	18.164	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	72354	17.954	ug/l	94
43) Isopropyl Acetate	6.45	43	129270	18.203	ug/l #	88
44) Trichloroethene	7.21	130	68401	17.977	ug/l	88
45) 1,2-Dichloropropane	7.51	63	58973	18.666	ug/l	97
46) Dibromomethane	7.66	93	41910	17.706	ug/l	91
47) Bromodichloromethane	7.90	83	76802	17.364	ug/l #	98
48) Methyl methacrylate	7.77	41	60451	18.201	ug/l #	77
49) 1,4-Dioxane	7.74	88	32708	345.411	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	416764	98.234	ug/l	91
52) Toluene	8.79	92	151491	18.257	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	86219	16.853	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	94494	17.229	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	63957	18.820	ug/l	96
56) Ethyl methacrylate	9.18	69	98868	18.418	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	98925	18.491	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	233268	92.177	ug/l #	86
59) 2-Hexanone	9.49	43	324592	95.958	ug/l	88
60) Dibromochloromethane	9.58	129	68525	17.048	ug/l	99
61) 1,2-Dibromoethane	9.67	107	67764	17.904	ug/l	97
64) Tetrachloroethene	9.34	164	66314	19.751	ug/l	98
65) Chlorobenzene	10.14	112	172931	18.535	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	64137	17.875	ug/l	98
67) Ethyl Benzene	10.25	91	293079	18.452	ug/l	95
68) m/p-Xylenes	10.36	106	226505	36.852	ug/l	90
69) o-Xylene	10.69	106	112346	18.388	ug/l	88
70) Styrene	10.71	104	189992	18.361	ug/l	95
71) Bromoform	10.85	173	55408	16.798	ug/l #	98
73) Isopropylbenzene	11.02	105	293818	17.998	ug/l	95
74) N-amyl acetate	10.90	43	117473	18.204	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.27	83	99957	17.887	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	82246m	17.583	ug/l	
77) Bromobenzene	11.26	156	81844	18.231	ug/l	79
78) n-propylbenzene	11.36	91	330277	18.173	ug/l	95
79) 2-Chlorotoluene	11.42	91	192631	17.648	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	244931	17.813	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	32656	15.425	ug/l	88
82) 4-Chlorotoluene	11.51	91	221636	17.875	ug/l	91
83) tert-Butylbenzene	11.77	119	247582	17.790	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	249547	17.968	ug/l	96
85) sec-Butylbenzene	11.94	105	289931	17.882	ug/l	96
86) p-Isopropyltoluene	12.06	119	269923	18.211	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	143471	18.144	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	146356	18.360	ug/l	97
89) n-Butylbenzene	12.38	91	234528	18.382	ug/l	97
90) Hexachloroethane	12.60	117	45661	15.464	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	145147	18.881	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21167	16.097	ug/l	64

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104463	18.564	ug/l	99
94) Hexachlorobutadiene	13.78	225	47132	18.833	ug/l	100
95) Naphthalene	13.83	128	335130	18.919	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103170	18.543	ug/l	98

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

