

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010334.D
 Acq On : 18 Jun 2019 11:42
 Operator : JC/SP
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 8:58:22 AM

Quant Time: Jun 19 01:28:11 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	291879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	423047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	386365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201469	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143837	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.49	113	143382	54.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.90%	
50) Toluene-d8	8.71	98	540341	55.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.50%	
62) 4-Bromofluorobenzene	11.13	95	194986	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49415	18.399	ug/l	98
3) Chloromethane	1.32	50	46105	17.286	ug/l	99
4) Vinyl Chloride	1.40	62	48716	19.434	ug/l	98
5) Bromomethane	1.64	94	25140	26.576	ug/l	95
6) Chloroethane	1.72	64	31774	25.140	ug/l	98
7) Trichlorofluoromethane	1.93	101	80490	21.616	ug/l	98
8) Diethyl Ether	2.19	74	28727	22.383	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49302	19.208	ug/l	94
10) Methyl Iodide	2.51	142	58385	14.681	ug/l	98
11) Tert butyl alcohol	3.04	59	72674	104.126	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46653	17.795	ug/l #	79
13) Acrolein	2.29	56	9034	70.987	ug/l	100
14) Allyl chloride	2.73	41	70023	17.694	ug/l #	90
15) Acrylonitrile	3.14	53	135179	94.757	ug/l	99
16) Acetone	2.44	43	127782	95.357	ug/l #	86
17) Carbon Disulfide	2.57	76	110611	14.602	ug/l	98
18) Methyl Acetate	2.77	43	59681	20.251	ug/l #	81
19) Methyl tert-butyl Ether	3.19	73	155762	18.493	ug/l	96
20) Methylene Chloride	2.85	84	53287	18.107	ug/l #	79
21) trans-1,2-Dichloroethene	3.16	96	49015	16.894	ug/l #	76
22) Diisopropyl ether	3.85	45	145285	19.202	ug/l #	94
23) Vinyl Acetate	3.81	43	622769	92.263	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	81329	17.704	ug/l	95
25) 2-Butanone	4.67	43	193489	96.966	ug/l #	85
26) 2,2-Dichloropropane	4.58	77	73006	17.420	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	58931	18.258	ug/l	79
28) Bromochloromethane	5.01	49	41280	20.050	ug/l #	52
29) Tetrahydrofuran	5.12	42	115392	92.016	ug/l #	75
30) Chloroform	5.21	83	89227	18.702	ug/l	93
31) Cyclohexane	5.57	56	73505	17.729	ug/l #	71
32) 1,1,1-Trichloroethane	5.49	97	79184	17.654	ug/l	93
36) 1,1-Dichloropropene	5.79	75	63025	18.261	ug/l	91
37) Ethyl Acetate	4.83	43	66644	18.558	ug/l #	90
38) Carbon Tetrachloride	5.78	117	71351	18.264	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86309	18.365	ug/l #	82
40) Benzene	6.14	78	203926	19.108	ug/l	99
41) Methacrylonitrile	5.04	41	36207	18.639	ug/l #	82
42) 1,2-Dichloroethane	6.18	62	64588	18.956	ug/l	94
43) Isopropyl Acetate	6.44	43	110847	18.461	ug/l #	89
44) Trichloroethene	7.21	130	60652	18.854	ug/l	88
45) 1,2-Dichloropropane	7.51	63	51833	19.404	ug/l	98
46) Dibromomethane	7.66	93	37174	18.576	ug/l	91
47) Bromodichloromethane	7.90	83	68479	18.312	ug/l	98
48) Methyl methacrylate	7.77	41	52909	18.842	ug/l #	78
49) 1,4-Dioxane	7.74	88	32202	402.221	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	362652	101.103	ug/l	91
52) Toluene	8.78	92	133208	18.988	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	76071	17.587	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	83213	17.945	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	56943	19.819	ug/l	96
56) Ethyl methacrylate	9.18	69	85698	18.882	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	87489	19.342	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	199838	93.400	ug/l #	86
59) 2-Hexanone	9.49	43	287059	100.373	ug/l	87
60) Dibromochloromethane	9.58	129	62447	18.375	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59998	18.750	ug/l	99
64) Tetrachloroethene	9.34	164	59774	20.830	ug/l	97
65) Chlorobenzene	10.13	112	153136	19.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	58544	19.091	ug/l	98
67) Ethyl Benzene	10.25	91	256128	18.868	ug/l	93
68) m/p-Xylenes	10.35	106	203181	38.678	ug/l	90
69) o-Xylene	10.69	106	99400	19.035	ug/l	89
70) Styrene	10.71	104	168172	19.015	ug/l	95
71) Bromoform	10.85	173	49138	17.430	ug/l #	100
73) Isopropylbenzene	11.02	105	266007	18.914	ug/l	96
74) N-amyl acetate	10.90	43	101589	18.273	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	88926	18.472	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72899m	18.090	ug/l	
77) Bromobenzene	11.25	156	73311	18.956	ug/l	80
78) n-propylbenzene	11.36	91	291440	18.614	ug/l	94
79) 2-Chlorotoluene	11.42	91	172027	18.294	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	221565	18.705	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	28787	15.783	ug/l	87
82) 4-Chlorotoluene	11.51	91	196981	18.440	ug/l	89
83) tert-Butylbenzene	11.77	119	224086	18.690	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	222540	18.599	ug/l	95
85) sec-Butylbenzene	11.94	105	263268	18.848	ug/l	95
86) p-Isopropyltoluene	12.06	119	243401	19.061	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	130258	19.121	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	129461	18.852	ug/l	98
89) n-Butylbenzene	12.38	91	208007	18.924	ug/l	98
90) Hexachloroethane	12.59	117	42295	16.627	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	130357	19.683	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19006	16.777	ug/l	70

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94267	19.445	ug/l	99
94) Hexachlorobutadiene	13.78	225	44490	20.636	ug/l	98
95) Naphthalene	13.83	128	284181	18.622	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93320	19.469	ug/l	99

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

