

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010855.D
 Acq On : 12 Jul 2019 23:02
 Operator : JC/SP
 Sample : VX0712WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0712WBS03

Manual Integrations
 APPROVED

MMDadoda
 7/15/2019 10:59:30 AM

Quant Time: Jul 13 05:45:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	200271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143516	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100830	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	5.49	113	95648	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	8.71	98	350291	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.13	95	127660	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	31451	22.589	ug/l 99
3) Chloromethane	1.33	50	33511	20.669	ug/l 99
4) Vinyl Chloride	1.41	62	36457	20.530	ug/l 98
5) Bromomethane	1.64	94	22370	25.857	ug/l 100
6) Chloroethane	1.72	64	24016	22.923	ug/l 98
7) Trichlorofluoromethane	1.93	101	64145	22.786	ug/l 96
8) Diethyl Ether	2.19	74	22579	22.366	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	35549	20.838	ug/l 98
10) Methyl Iodide	2.51	142	39713	16.312	ug/l 98
11) Tert butyl alcohol	3.04	59	46418	94.472	ug/l 98
12) 1,1-Dichloroethene	2.37	96	36175	20.839	ug/l 98
13) Acrolein	2.29	56	36810	112.933	ug/l 99
14) Allyl chloride	2.73	41	50820	20.621	ug/l 97
15) Acrylonitrile	3.14	53	106477	109.454	ug/l 100
16) Acetone	2.44	43	85850	91.226	ug/l 97
17) Carbon Disulfide	2.57	76	81934	17.593	ug/l 99
18) Methyl Acetate	2.78	43	43141	23.001	ug/l 99
19) Methyl tert-butyl Ether	3.20	73	119144	21.817	ug/l 98
20) Methylene Chloride	2.85	84	41534	21.446	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	38058	20.385	ug/l 94
22) Diisopropyl ether	3.85	45	114023	22.129	ug/l 98
23) Vinyl Acetate	3.82	43	487782	109.580	ug/l 97
24) 1,1-Dichloroethane	3.70	63	65325	21.933	ug/l 99
25) 2-Butanone	4.67	43	143073	103.644	ug/l 100
26) 2,2-Dichloropropane	4.58	77	41633	16.091	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	45659	21.163	ug/l 99
28) Bromochloromethane	5.02	49	27433	19.264	ug/l 95
29) Tetrahydrofuran	5.12	42	93918	109.840	ug/l 97
30) Chloroform	5.21	83	70008	21.846	ug/l 96
31) Cyclohexane	5.58	56	56913	20.983	ug/l 90
32) 1,1,1-Trichloroethane	5.49	97	59196	20.920	ug/l 100
36) 1,1-Dichloropropene	5.80	75	47774	19.562	ug/l 100
37) Ethyl Acetate	4.83	43	54326	21.623	ug/l 98
38) Carbon Tetrachloride	5.78	117	49126	18.576	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	60956	18.988	ug/l	99
40) Benzene	6.14	78	156364	20.551	ug/l	98
41) Methacrylonitrile	5.04	41	28387	20.592	ug/l	97
42) 1,2-Dichloroethane	6.19	62	53145	22.946	ug/l	98
43) Isopropyl Acetate	6.45	43	85362	20.536	ug/l	98
44) Trichloroethene	7.21	130	45409	19.945	ug/l	94
45) 1,2-Dichloropropane	7.51	63	40678	21.171	ug/l	95
46) Dibromomethane	7.66	93	28629	20.768	ug/l	96
47) Bromodichloromethane	7.90	83	48394	19.156	ug/l	94
48) Methyl methacrylate	7.77	41	40696	21.063	ug/l	99
49) 1,4-Dioxane	7.74	88	24541	440.915	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	288982	108.701	ug/l	97
52) Toluene	8.78	92	101054	20.168	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	49888	17.613	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	57753	18.763	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	43219	20.915	ug/l	97
56) Ethyl methacrylate	9.18	69	62958	20.112	ug/l	96
57) 1,3-Dichloropropane	9.37	76	67455	21.029	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	130672	87.894	ug/l	99
59) 2-Hexanone	9.49	43	220720	105.490	ug/l	99
60) Dibromochloromethane	9.58	129	41478	17.927	ug/l	99
61) 1,2-Dibromoethane	9.67	107	44789	20.080	ug/l	100
64) Tetrachloroethene	9.34	164	44336	19.670	ug/l	98
65) Chlorobenzene	10.13	112	114545	20.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	40017	19.419	ug/l	100
67) Ethyl Benzene	10.25	91	195695	20.489	ug/l	97
68) m/p-Xylenes	10.36	106	150617	40.698	ug/l	99
69) o-Xylene	10.69	106	74397	20.442	ug/l	99
70) Styrene	10.71	104	123189	20.184	ug/l	98
71) Bromoform	10.85	173	30075	16.782	ug/l #	99
73) Isopropylbenzene	11.02	105	198336	20.387	ug/l	98
74) N-amyl acetate	10.90	43	76482	20.802	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	66565	20.660	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	53642m	20.511	ug/l	
77) Bromobenzene	11.25	156	53446	19.675	ug/l	98
78) n-propylbenzene	11.36	91	217033	20.298	ug/l	99
79) 2-Chlorotoluene	11.42	91	130459	20.490	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164549	20.517	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	15538	13.861	ug/l #	84
82) 4-Chlorotoluene	11.51	91	148448	20.490	ug/l	100
83) tert-Butylbenzene	11.77	119	162042	20.130	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	163912	20.342	ug/l	100
85) sec-Butylbenzene	11.94	105	190938	20.202	ug/l	99
86) p-Isopropyltoluene	12.06	119	174484	19.959	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94484	19.926	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	95740	19.832	ug/l	99
89) n-Butylbenzene	12.38	91	145320	19.562	ug/l	99
90) Hexachloroethane	12.59	117	25454	16.839	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	95188	20.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13027	18.753	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61500	18.817	ug/l	98
94) Hexachlorobutadiene	13.78	225	30225	18.923	ug/l	98
95) Naphthalene	13.83	128	199969	19.910	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	65698	20.218	ug/l	99

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

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