

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010241.D
 Acq On : 12 Jun 2019 11:00
 Operator : JC/SP
 Sample : VX0612WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 9:17:36 AM

Quant Time: Jun 13 01:48:02 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	317617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	464797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	421428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143843	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	
35) Dibromofluoromethane	5.49	113	145954	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.71	98	554146	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.13	95	201109	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56155	19.215	ug/l	95
3) Chloromethane	1.32	50	51023	17.580	ug/l	97
4) Vinyl Chloride	1.40	62	54941	20.141	ug/l	97
5) Bromomethane	1.64	94	27510	26.725	ug/l	98
6) Chloroethane	1.72	64	32980	23.980	ug/l	97
7) Trichlorofluoromethane	1.93	101	85111	21.005	ug/l	97
8) Diethyl Ether	2.18	74	31014	22.207	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50130	17.948	ug/l	93
10) Methyl Iodide	2.51	142	73729	17.037	ug/l	97
11) Tert butyl alcohol	3.04	59	72503	95.463	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47702	16.721	ug/l	84
13) Acrolein	2.29	56	10203	73.676	ug/l	96
14) Allyl chloride	2.73	41	71988	16.717	ug/l #	86
15) Acrylonitrile	3.14	53	138210	89.031	ug/l	98
16) Acetone	2.44	43	133323	91.430	ug/l #	87
17) Carbon Disulfide	2.57	76	128483	15.586	ug/l	98
18) Methyl Acetate	2.77	43	56820	17.718	ug/l #	79
19) Methyl tert-butyl Ether	3.19	73	159004	17.348	ug/l	95
20) Methylene Chloride	2.85	84	55934	17.466	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	53330	16.892	ug/l #	79
22) Diisopropyl ether	3.85	45	147335	17.895	ug/l #	84
23) Vinyl Acetate	3.81	43	652207	88.794	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	87290	17.461	ug/l	95
25) 2-Butanone	4.67	43	196286	90.396	ug/l #	86
26) 2,2-Dichloropropane	4.58	77	77632	17.023	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	61951	17.638	ug/l	80
28) Bromochloromethane	5.01	49	39323	17.552	ug/l #	48
29) Tetrahydrofuran	5.13	42	117337	85.985	ug/l #	74
30) Chloroform	5.20	83	91162	17.559	ug/l	98
31) Cyclohexane	5.58	56	79840	17.696	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	82246	16.851	ug/l	93
36) 1,1-Dichloropropene	5.79	75	67533	17.809	ug/l	92
37) Ethyl Acetate	4.83	43	70593	17.892	ug/l #	92
38) Carbon Tetrachloride	5.78	117	76911	17.919	ug/l	98

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

39) Methylcyclohexane	7.46	83	92720	17.957	ug/l #	84
40) Benzene	6.14	78	215314	18.363	ug/l	100
41) Methacrylonitrile	5.04	41	37277	17.466	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	66301	17.711	ug/l	93
43) Isopropyl Acetate	6.44	43	116022	17.587	ug/l #	89
44) Trichloroethene	7.21	130	64851	18.348	ug/l	86
45) 1,2-Dichloropropane	7.51	63	53982	18.393	ug/l	97
46) Dibromomethane	7.66	93	38394	17.462	ug/l	90
47) Bromodichloromethane	7.90	83	73577	17.908	ug/l #	98
48) Methyl methacrylate	7.77	41	54247	17.583	ug/l #	77
49) 1,4-Dioxane	7.74	88	32875	373.743	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	369837	93.844	ug/l	90
52) Toluene	8.78	92	140044	18.169	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	81329	17.114	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	89029	17.475	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	59616	18.886	ug/l	97
56) Ethyl methacrylate	9.18	69	89341	17.917	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	92244	18.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	214489	91.243	ug/l #	86
59) 2-Hexanone	9.49	43	295315	93.984	ug/l	88
60) Dibromochloromethane	9.58	129	67877	18.179	ug/l	99
61) 1,2-Dibromoethane	9.67	107	63214	17.980	ug/l	98
64) Tetrachloroethene	9.34	164	60813	19.429	ug/l	97
65) Chlorobenzene	10.13	112	162065	18.633	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	61200	18.297	ug/l	99
67) Ethyl Benzene	10.25	91	273394	18.464	ug/l	94
68) m/p-Xylenes	10.35	106	216921	37.858	ug/l	88
69) o-Xylene	10.69	106	106221	18.649	ug/l	88
70) Styrene	10.71	104	179395	18.597	ug/l	94
71) Bromoform	10.85	173	54137	17.606	ug/l #	100
73) Isopropylbenzene	11.02	105	278370	18.073	ug/l	94
74) N-amyl acetate	10.90	43	106429	17.481	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	92459	17.537	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	76079m	17.239	ug/l	
77) Bromobenzene	11.26	156	76771	18.126	ug/l	79
78) n-propylbenzene	11.36	91	310806	18.126	ug/l	94
79) 2-Chlorotoluene	11.42	91	180953	17.571	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	236051	18.196	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	32088	16.064	ug/l	84
82) 4-Chlorotoluene	11.51	91	208978	17.863	ug/l	90
83) tert-Butylbenzene	11.77	119	237163	18.062	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	235285	17.956	ug/l	94
85) sec-Butylbenzene	11.94	105	278954	18.236	ug/l	95
86) p-Isopropyltoluene	12.06	119	258884	18.512	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	138147	18.517	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	136325	18.127	ug/l	98
89) n-Butylbenzene	12.38	91	219601	18.243	ug/l	97
90) Hexachloroethane	12.60	117	46583	16.722	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	137173	18.913	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19979	16.103	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98870	18.623	ug/l	99
94) Hexachlorobutadiene	13.78	225	46508	19.697	ug/l	100
95) Naphthalene	13.83	128	298971	17.889	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	100752	19.193	ug/l	99

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

