

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061819\
 Data File : VX010340.D
 Acq On : 18 Jun 2019 14:02
 Operator : JC/SP
 Sample : VX0618WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0618WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 8:58:23 AM

Quant Time: Jun 19 01:41:13 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	287867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	433067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	392039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143184	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	141817	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
50) Toluene-d8	8.71	98	529349	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	11.13	95	191234	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48631	18.360	ug/l	99
3) Chloromethane	1.33	50	46068	17.513	ug/l	98
4) Vinyl Chloride	1.41	62	49346	19.959	ug/l	99
5) Bromomethane	1.64	94	26217	28.101	ug/l	99
6) Chloroethane	1.72	64	29281	23.490	ug/l	99
7) Trichlorofluoromethane	1.93	101	81527	22.199	ug/l	99
8) Diethyl Ether	2.19	74	29437	23.256	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47500	18.763	ug/l	90
10) Methyl Iodide	2.51	142	62389	15.906	ug/l	97
11) Tert butyl alcohol	3.04	59	82703	120.147	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47872	18.514	ug/l	82
13) Acrolein	2.29	56	8998	71.689	ug/l	98
14) Allyl chloride	2.73	41	70675	18.108	ug/l #	89
15) Acrylonitrile	3.14	53	144289	102.553	ug/l	98
16) Acetone	2.45	43	128962	97.579	ug/l #	89
17) Carbon Disulfide	2.57	76	111064	14.866	ug/l	100
18) Methyl Acetate	2.78	43	62975	21.667	ug/l #	84
19) Methyl tert-butyl Ether	3.20	73	160128	19.276	ug/l	93
20) Methylene Chloride	2.85	84	55358	19.073	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	50687	17.714	ug/l #	82
22) Diisopropyl ether	3.85	45	149339	20.013	ug/l #	93
23) Vinyl Acetate	3.82	43	643274	96.629	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	85649	18.904	ug/l	93
25) 2-Butanone	4.68	43	199597	101.421	ug/l #	84
26) 2,2-Dichloropropane	4.59	77	70569	17.073	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	61827	19.422	ug/l	77
28) Bromochloromethane	5.02	49	38972	19.193	ug/l #	50
29) Tetrahydrofuran	5.13	42	124193	100.415	ug/l #	75
30) Chloroform	5.21	83	90964	19.332	ug/l	99
31) Cyclohexane	5.57	56	73789	18.045	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	80296	18.152	ug/l	93
36) 1,1-Dichloropropene	5.81	75	63597	18.000	ug/l	92
37) Ethyl Acetate	4.84	43	72509	19.724	ug/l #	91
38) Carbon Tetrachloride	5.79	117	70533	17.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81533	16.947	ug/l #	82
40) Benzene	6.14	78	208382	19.073	ug/l	99
41) Methacrylonitrile	5.05	41	39130	19.678	ug/l #	84
42) 1,2-Dichloroethane	6.20	62	66274	19.001	ug/l	92
43) Isopropyl Acetate	6.45	43	118562	19.289	ug/l #	89
44) Trichloroethene	7.21	130	62393	18.946	ug/l	85
45) 1,2-Dichloropropane	7.51	63	52864	19.332	ug/l	99
46) Dibromomethane	7.66	93	38828	18.953	ug/l	92
47) Bromodichloromethane	7.90	83	69772	18.227	ug/l #	98
48) Methyl methacrylate	7.77	41	56431	19.631	ug/l #	77
49) 1,4-Dioxane	7.74	88	33151	404.494	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	389901	106.184	ug/l	92
52) Toluene	8.79	92	138336	19.262	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	76348	17.243	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	84280	17.755	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	59723	20.306	ug/l	96
56) Ethyl methacrylate	9.18	69	88379	19.022	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	89399	19.307	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	203826	93.060	ug/l #	86
59) 2-Hexanone	9.49	43	302572	103.349	ug/l	89
60) Dibromochloromethane	9.58	129	63403	18.225	ug/l	99
61) 1,2-Dibromoethane	9.67	107	62380	19.043	ug/l	100
64) Tetrachloroethene	9.34	164	62912	21.606	ug/l	96
65) Chlorobenzene	10.14	112	159681	19.735	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	59848	19.234	ug/l	100
67) Ethyl Benzene	10.25	91	262561	19.062	ug/l	96
68) m/p-Xylenes	10.36	106	204853	38.432	ug/l	90
69) o-Xylene	10.69	106	102237	19.295	ug/l	88
70) Styrene	10.71	104	172189	19.188	ug/l	95
71) Bromoform	10.85	173	50692	17.721	ug/l #	97
73) Isopropylbenzene	11.02	105	267802	19.118	ug/l	96
74) N-amyl acetate	10.90	43	103873	18.759	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	92302	19.249	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	74678m	18.605	ug/l	
77) Bromobenzene	11.26	156	73438	19.064	ug/l	80
78) n-propylbenzene	11.36	91	288628	18.508	ug/l	94
79) 2-Chlorotoluene	11.42	91	172809	18.450	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	216179	18.323	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.07	75	29677	16.336	ug/l	89
82) 4-Chlorotoluene	11.51	91	198491	18.656	ug/l	92
83) tert-Butylbenzene	11.77	119	222503	18.632	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	222833	18.698	ug/l	96
85) sec-Butylbenzene	11.94	105	260217	18.704	ug/l	95
86) p-Isopropyltoluene	12.06	119	236529	18.597	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	129754	19.123	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	128345	18.764	ug/l	98
89) n-Butylbenzene	12.38	91	199767	18.247	ug/l	97
90) Hexachloroethane	12.60	117	41319	16.308	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	130359	19.762	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18920	16.768	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	89852	18.608	ug/l	100
94) Hexachlorobutadiene	13.78	225	43373	20.198	ug/l	98
95) Naphthalene	13.83	128	286886	18.874	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	90674	18.992	ug/l	99

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

