

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010177.D
 Acq On : 10 Jun 2019 14:59
 Operator : JC/SP
 Sample : VX0610WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:54:08 AM

Quant Time: Jun 11 07:19:05 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	270097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	365496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186732	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122637	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.50	113	125064	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	485871	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.13	95	174216	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49889	20.074	ug/l	98
3) Chloromethane	1.33	50	46706	18.923	ug/l	99
4) Vinyl Chloride	1.41	62	48614	20.957	ug/l	99
5) Bromomethane	1.64	94	22574	25.788	ug/l	99
6) Chloroethane	1.72	64	27229	23.281	ug/l	95
7) Trichlorofluoromethane	1.93	101	75670	21.960	ug/l	98
8) Diethyl Ether	2.19	74	25738	21.671	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44348	18.671	ug/l	91
10) Methyl Iodide	2.51	142	69526	18.892	ug/l	97
11) Tert butyl alcohol	3.04	59	61455	95.152	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44865	18.493	ug/l #	79
13) Acrolein	2.29	56	12105	102.789	ug/l	97
14) Allyl chloride	2.73	41	64741	17.679	ug/l #	88
15) Acrylonitrile	3.14	53	125691	95.212	ug/l	98
16) Acetone	2.45	43	114066	91.986	ug/l #	86
17) Carbon Disulfide	2.57	76	119844	17.096	ug/l	99
18) Methyl Acetate	2.78	43	50627	18.565	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	140258	17.995	ug/l	93
20) Methylene Chloride	2.85	84	50233	18.446	ug/l #	76
21) trans-1,2-Dichloroethene	3.17	96	47150	17.562	ug/l #	78
22) Diisopropyl ether	3.85	45	128808	18.397	ug/l #	94
23) Vinyl Acetate	3.82	43	580151	92.880	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	77125	18.142	ug/l	96
25) 2-Butanone	4.67	43	175604	95.100	ug/l #	81
26) 2,2-Dichloropropane	4.59	77	67008	17.278	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	54513	18.251	ug/l	79
28) Bromochloromethane	5.02	49	33235	17.444	ug/l #	48
29) Tetrahydrofuran	5.13	42	109678	94.513	ug/l #	74
30) Chloroform	5.21	83	80055	18.133	ug/l	99
31) Cyclohexane	5.58	56	70974	18.499	ug/l #	73
32) 1,1,1-Trichloroethane	5.49	97	72830	17.547	ug/l	92
36) 1,1-Dichloropropene	5.81	75	59347	18.012	ug/l	91
37) Ethyl Acetate	4.84	43	63121	18.412	ug/l #	90
38) Carbon Tetrachloride	5.79	117	67642	18.138	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81496	18.165	ug/l #	83
40) Benzene	6.14	78	192121	18.857	ug/l	97
41) Methacrylonitrile	5.04	41	33590	18.114	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	56966	17.514	ug/l	93
43) Isopropyl Acetate	6.45	43	104516	18.234	ug/l #	88
44) Trichloroethene	7.21	130	56945	18.543	ug/l	83
45) 1,2-Dichloropropane	7.51	63	48983	19.209	ug/l	97
46) Dibromomethane	7.66	93	34340	17.975	ug/l	89
47) Bromodichloromethane	7.90	83	65412	18.324	ug/l #	98
48) Methyl methacrylate	7.77	41	49877	18.606	ug/l #	74
49) 1,4-Dioxane	7.74	88	29506	386.064	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	341578	99.754	ug/l	89
52) Toluene	8.79	92	125811	18.786	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	73206	17.729	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	80648	18.219	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	52739	19.228	ug/l	98
56) Ethyl methacrylate	9.18	69	82559	19.055	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	81742	18.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	193083	94.532	ug/l #	86
59) 2-Hexanone	9.49	43	268985	98.523	ug/l	86
60) Dibromochloromethane	9.58	129	59934	18.474	ug/l	100
61) 1,2-Dibromoethane	9.67	107	56823	18.601	ug/l	100
64) Tetrachloroethene	9.34	164	51110	18.828	ug/l	96
65) Chlorobenzene	10.14	112	140811	18.666	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	53692	18.508	ug/l	98
67) Ethyl Benzene	10.25	91	243595	18.969	ug/l	96
68) m/p-Xylenes	10.36	106	190416	38.318	ug/l	89
69) o-Xylene	10.69	106	93926	19.014	ug/l	87
70) Styrene	10.71	104	158119	18.899	ug/l	94
71) Bromoform	10.85	173	49130	18.422	ug/l #	99
73) Isopropylbenzene	11.02	105	242890	18.633	ug/l	95
74) N-amyl acetate	10.90	43	97047	18.834	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	84195	18.869	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	68617m	18.371	ug/l	
77) Bromobenzene	11.26	156	66287	18.492	ug/l	81
78) n-propylbenzene	11.36	91	265299	18.282	ug/l	94
79) 2-Chlorotoluene	11.42	91	158197	18.151	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	202877	18.479	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	30443	18.008	ug/l #	82
82) 4-Chlorotoluene	11.51	91	178934	18.073	ug/l	90
83) tert-Butylbenzene	11.77	119	208249	18.740	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	202806	18.288	ug/l	95
85) sec-Butylbenzene	11.94	105	235937	18.224	ug/l	95
86) p-Isopropyltoluene	12.06	119	217940	18.414	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	114510	18.136	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	116575	18.315	ug/l	99
89) n-Butylbenzene	12.38	91	183617	18.023	ug/l	97
90) Hexachloroethane	12.60	117	41030	17.403	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116358	18.956	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17784	16.937	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80615	17.942	ug/l	100
94) Hexachlorobutadiene	13.78	225	38020	19.026	ug/l	98
95) Naphthalene	13.83	128	256002	18.099	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	80015	18.011	ug/l	98

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

