

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010167.D
 Acq On : 10 Jun 2019 11:05
 Operator : JC/SP
 Sample : VX0610WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0610WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:54:18 AM

Quant Time: Jun 11 06:58:52 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	279076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	405486	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	361192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	191329	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119022	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
35) Dibromofluoromethane	5.49	113	118699	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
50) Toluene-d8	8.71	98	452375	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
62) 4-Bromofluorobenzene	11.13	95	166266	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	45672	17.786	ug/l	98
3) Chloromethane	1.32	50	42397	16.625	ug/l	100
4) Vinyl Chloride	1.41	62	43497	18.148	ug/l	99
5) Bromomethane	1.64	94	19576	21.644	ug/l	95
6) Chloroethane	1.72	64	24700	20.440	ug/l	97
7) Trichlorofluoromethane	1.93	101	66903	18.791	ug/l	99
8) Diethyl Ether	2.18	74	22762	18.549	ug/l	76
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40995	16.704	ug/l	91
10) Methyl Iodide	2.51	142	61076	16.062	ug/l	97
11) Tert butyl alcohol	3.04	59	52363	78.467	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40211	16.041	ug/l #	75
13) Acrolein	2.29	56	16338	134.269	ug/l	94
14) Allyl chloride	2.73	41	58312	15.411	ug/l #	88
15) Acrylonitrile	3.14	53	106165	77.833	ug/l	98
16) Acetone	2.44	43	100799	78.672	ug/l #	87
17) Carbon Disulfide	2.57	76	110716	15.286	ug/l	100
18) Methyl Acetate	2.77	43	42545	15.099	ug/l #	81
19) Methyl tert-butyl Ether	3.19	73	124578	15.469	ug/l	94
20) Methylene Chloride	2.85	84	43988	15.633	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	42036	15.153	ug/l #	81
22) Diisopropyl ether	3.85	45	116041	16.040	ug/l #	84
23) Vinyl Acetate	3.81	43	515340	79.850	ug/l #	89
24) 1,1-Dichloroethane	3.70	63	67928	15.465	ug/l	94
25) 2-Butanone	4.67	43	149184	78.193	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	62054	15.486	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	49805	16.139	ug/l	76
28) Bromochloromethane	5.01	49	34097	17.321	ug/l #	47
29) Tetrahydrofuran	5.13	42	92344	77.015	ug/l #	74
30) Chloroform	5.21	83	71480	15.670	ug/l	98
31) Cyclohexane	5.57	56	65897	16.623	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	65911	15.369	ug/l	94
36) 1,1-Dichloropropene	5.79	75	54063	16.342	ug/l	91
37) Ethyl Acetate	4.83	43	54656	15.879	ug/l #	90
38) Carbon Tetrachloride	5.78	117	60195	16.076	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75584	16.779	ug/l #	84
40) Benzene	6.14	78	171255	16.741	ug/l	98
41) Methacrylonitrile	5.03	41	28935	15.540	ug/l #	82
42) 1,2-Dichloroethane	6.19	62	51733	15.841	ug/l	92
43) Isopropyl Acetate	6.44	43	91758	15.944	ug/l #	88
44) Trichloroethene	7.21	130	51737	16.779	ug/l	83
45) 1,2-Dichloropropane	7.51	63	42312	16.526	ug/l	94
46) Dibromomethane	7.66	93	30685	15.997	ug/l	91
47) Bromodichloromethane	7.90	83	57597	16.069	ug/l	97
48) Methyl methacrylate	7.77	41	42573	15.818	ug/l #	75
49) 1,4-Dioxane	7.73	88	26168	341.009	ug/l #	78
51) 4-Methyl-2-Pentanone	8.63	43	282354	82.126	ug/l	89
52) Toluene	8.78	92	110475	16.429	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	65480	15.794	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	71301	16.042	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	46716	16.964	ug/l	94
56) Ethyl methacrylate	9.17	69	69793	16.044	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	70355	16.227	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	197517	96.313	ug/l #	85
59) 2-Hexanone	9.49	43	229474	83.713	ug/l	87
60) Dibromochloromethane	9.58	129	53019	16.277	ug/l	100
61) 1,2-Dibromoethane	9.67	107	50119	16.341	ug/l	100
64) Tetrachloroethene	9.34	164	46047	17.165	ug/l	94
65) Chlorobenzene	10.13	112	125694	16.861	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	48127	16.788	ug/l	99
67) Ethyl Benzene	10.25	91	215169	16.955	ug/l	92
68) m/p-Xylenes	10.35	106	169957	34.608	ug/l	89
69) o-Xylene	10.69	106	82338	16.867	ug/l	90
70) Styrene	10.71	104	140804	17.030	ug/l	94
71) Bromoform	10.85	173	43874	16.647	ug/l #	98
73) Isopropylbenzene	11.02	105	219616	16.443	ug/l	95
74) N-amyl acetate	10.90	43	84134	15.936	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	72007	15.750	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	60467m	15.800	ug/l	
77) Bromobenzene	11.25	156	59044	16.076	ug/l	81
78) n-propylbenzene	11.35	91	243867	16.401	ug/l	94
79) 2-Chlorotoluene	11.42	91	142755	15.985	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	183817	16.340	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26132	15.087	ug/l	85
82) 4-Chlorotoluene	11.51	91	165315	16.296	ug/l	91
83) tert-Butylbenzene	11.77	119	187214	16.443	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	184303	16.220	ug/l	94
85) sec-Butylbenzene	11.94	105	218763	16.492	ug/l	96
86) p-Isopropyltoluene	12.06	119	202129	16.668	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	106003	16.385	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	106307	16.301	ug/l	99
89) n-Butylbenzene	12.38	91	173415	16.613	ug/l	97
90) Hexachloroethane	12.59	117	37941	15.706	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	105395	16.757	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16749	15.568	ug/l	68

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77004	16.726	ug/l	99
94) Hexachlorobutadiene	13.78	225	35634	17.404	ug/l	98
95) Naphthalene	13.83	128	233646	16.122	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	76814	16.875	ug/l	98

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

