

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015813.D
 Acq On : 21 Apr 2020 23:26
 Operator : JC/SP
 Sample : VX0421WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:37 AM

Quant Time: Apr 22 06:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	905124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1434525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1317756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	727898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	556002	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
35) Dibromofluoromethane	5.48	113	443139	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	8.70	98	1699152	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	686570	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	105517	13.232	ug/l	96
3) Chloromethane	1.31	50	119369	11.754	ug/l	96
4) Vinyl Chloride	1.39	62	145423	15.595	ug/l	100
5) Bromomethane	1.64	94	63592	8.001	ug/l	90
6) Chloroethane	1.72	64	92597	16.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	202689	16.208	ug/l	98
8) Diethyl Ether	2.17	74	85420	16.195	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139390	17.098	ug/l	97
10) Methyl Iodide	2.50	142	165739	15.079	ug/l	95
11) Tert butyl alcohol	3.01	59	204587	66.956	ug/l	100
12) 1,1-Dichloroethene	2.36	96	136993	16.031	ug/l	93
13) Acrolein	2.28	56	174216	100.091	ug/l	100
14) Allyl chloride	2.71	41	304589	15.255	ug/l	96
15) Acrylonitrile	3.12	53	497522	85.380	ug/l	99
16) Acetone	2.42	43	464709	84.732	ug/l	96
17) Carbon Disulfide	2.56	76	375338	14.398	ug/l	98
18) Methyl Acetate	2.75	43	270622	19.333	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	563800	17.012	ug/l	98
20) Methylene Chloride	2.84	84	166082	16.212	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	154740	16.316	ug/l	94
22) Diisopropyl ether	3.83	45	607329	17.165	ug/l	88
23) Vinyl Acetate	3.79	43	2624681	81.934	ug/l	99
24) 1,1-Dichloroethane	3.67	63	303966	16.317	ug/l	99
25) 2-Butanone	4.64	43	699972	79.360	ug/l	99
26) 2,2-Dichloropropane	4.56	77	226719	14.827	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	186803	17.025	ug/l	96
28) Bromochloromethane	4.98	49	159281	17.908	ug/l	94
29) Tetrahydrofuran	5.09	42	457880	80.751	ug/l	97
30) Chloroform	5.18	83	305456	17.043	ug/l	97
31) Cyclohexane	5.56	56	259519	16.059	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	266448	16.427	ug/l	98
36) 1,1-Dichloropropene	5.78	75	220579	16.688	ug/l	98
37) Ethyl Acetate	4.80	43	283114	16.450	ug/l	99
38) Carbon Tetrachloride	5.76	117	213415	14.907	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	252783	16.587	ug/l	95
40) Benzene	6.12	78	675097	17.436	ug/l	99
41) Methacrylonitrile	5.01	41	161038	16.856	ug/l	97
42) 1,2-Dichloroethane	6.17	62	251751	16.188	ug/l	96
43) Isopropyl Acetate	6.42	43	479468	16.503	ug/l	97
44) Trichloroethene	7.19	130	241447	22.866	ug/l	100
45) 1,2-Dichloropropane	7.50	63	188007	17.750	ug/l	99
46) Dibromomethane	7.64	93	123651	17.797	ug/l	96
47) Bromodichloromethane	7.88	83	246648	16.660	ug/l	98
48) Methyl methacrylate	7.75	41	236701	16.311	ug/l	95
49) 1,4-Dioxane	7.72	88	81200	299.951	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1451763	88.174	ug/l	99
52) Toluene	8.77	92	439277	18.402	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	283589	16.333	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	301061	17.022	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	182097	18.620	ug/l	91
56) Ethyl methacrylate	9.16	69	307848	17.861	ug/l	95
57) 1,3-Dichloropropane	9.35	76	310706	17.633	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	743938	88.738	ug/l	98
59) 2-Hexanone	9.48	43	1084160	87.218	ug/l	97
60) Dibromochloromethane	9.57	129	196047	16.682	ug/l	99
61) 1,2-Dibromoethane	9.65	107	191377	17.997	ug/l	98
64) Tetrachloroethene	9.32	164	327066	32.888	ug/l	99
65) Chlorobenzene	10.12	112	486759	18.522	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	188060	17.912	ug/l	100
67) Ethyl Benzene	10.24	91	840896	18.041	ug/l	100
68) m/p-Xylenes	10.34	106	636173	36.654	ug/l	98
69) o-Xylene	10.68	106	312426	18.217	ug/l	97
70) Styrene	10.70	104	544673	18.048	ug/l	98
71) Bromoform	10.84	173	147953	15.480	ug/l #	99
73) Isopropylbenzene	11.01	105	837912	17.569	ug/l	99
74) N-amyl acetate	10.88	43	439699	16.576	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	180782	11.047	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	248462m	16.599	ug/l	
77) Bromobenzene	11.24	156	219658	17.267	ug/l	96
78) n-propylbenzene	11.34	91	935141	17.147	ug/l	99
79) 2-Chlorotoluene	11.41	91	568548	17.009	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	713064	17.506	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	96947	15.540	ug/l	94
82) 4-Chlorotoluene	11.49	91	659597	16.832	ug/l	97
83) tert-Butylbenzene	11.76	119	631061	15.861	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	713832	17.198	ug/l	99
85) sec-Butylbenzene	11.93	105	809347	17.589	ug/l	100
86) p-Isopropyltoluene	12.05	119	776585	18.180	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	406170	17.835	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	407910	17.584	ug/l	100
89) n-Butylbenzene	12.37	91	655422	16.979	ug/l	99
90) Hexachloroethane	12.58	117	67947	8.172	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	398524	17.881	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	62740	13.583	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	315514	17.897	ug/l	98
94) Hexachlorobutadiene	13.77	225	137801	16.418	ug/l	97
95) Naphthalene	13.82	128	927256	17.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	304660	17.949	ug/l	96

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

