

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015814.D
 Acq On : 21 Apr 2020 23:49
 Operator : JC/SP
 Sample : VX0421WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:41 AM

Quant Time: Apr 22 06:53:24 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	904968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1395841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1294677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	682341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	554119	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.47	113	441687	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	8.70	98	1693289	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.12	95	674823	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	101637	12.748	ug/l	98
3) Chloromethane	1.31	50	127265	12.534	ug/l	97
4) Vinyl Chloride	1.39	62	151502	16.250	ug/l	98
5) Bromomethane	1.64	94	67533	9.098	ug/l	90
6) Chloroethane	1.72	64	95750	16.559	ug/l	99
7) Trichlorofluoromethane	1.92	101	213226	17.054	ug/l	96
8) Diethyl Ether	2.17	74	90222	17.108	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	141771	17.393	ug/l	96
10) Methyl Iodide	2.50	142	176237	16.037	ug/l	98
11) Tert butyl alcohol	3.01	59	212901	69.689	ug/l	100
12) 1,1-Dichloroethene	2.36	96	150406	17.604	ug/l	92
13) Acrolein	2.28	56	185602	106.650	ug/l	99
14) Allyl chloride	2.71	41	319539	16.006	ug/l	97
15) Acrylonitrile	3.12	53	522156	89.623	ug/l	98
16) Acetone	2.42	43	477202	87.025	ug/l	96
17) Carbon Disulfide	2.56	76	391822	15.033	ug/l	99
18) Methyl Acetate	2.75	43	279194	19.949	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	595408	17.968	ug/l	99
20) Methylene Chloride	2.84	84	177016	17.283	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	166234	17.531	ug/l	95
22) Diisopropyl ether	3.83	45	639575	18.080	ug/l	# 86
23) Vinyl Acetate	3.79	43	2746326	85.746	ug/l	99
24) 1,1-Dichloroethane	3.67	63	321694	17.272	ug/l	98
25) 2-Butanone	4.64	43	740116	83.926	ug/l	99
26) 2,2-Dichloropropane	4.56	77	238629	15.609	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	197412	17.995	ug/l	95
28) Bromochloromethane	4.98	49	155184	17.451	ug/l	94
29) Tetrahydrofuran	5.10	42	481735	84.973	ug/l	97
30) Chloroform	5.19	83	318654	17.783	ug/l	97
31) Cyclohexane	5.56	56	273947	16.955	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	286616	17.674	ug/l	97
36) 1,1-Dichloropropene	5.78	75	228182	17.742	ug/l	97
37) Ethyl Acetate	4.80	43	285845	17.069	ug/l	98
38) Carbon Tetrachloride	5.76	117	229410	16.469	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	272279	18.361	ug/l	94
40) Benzene	6.12	78	710754	18.866	ug/l	96
41) Methacrylonitrile	5.01	41	170256	18.315	ug/l	98
42) 1,2-Dichloroethane	6.17	62	260762	17.232	ug/l	96
43) Isopropyl Acetate	6.42	43	499817	17.681	ug/l	97
44) Trichloroethene	7.19	130	249490	24.282	ug/l	93
45) 1,2-Dichloropropane	7.50	63	192018	18.632	ug/l	100
46) Dibromomethane	7.64	93	126641	18.732	ug/l	92
47) Bromodichloromethane	7.88	83	261926	18.183	ug/l	97
48) Methyl methacrylate	7.75	41	246165	17.434	ug/l	93
49) 1,4-Dioxane	7.72	88	83373	316.513	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1495663	93.358	ug/l	98
52) Toluene	8.77	92	458439	19.737	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	304658	18.033	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	314401	18.268	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	189651	19.929	ug/l	94
56) Ethyl methacrylate	9.16	69	321603	19.176	ug/l	96
57) 1,3-Dichloropropane	9.36	76	322374	18.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	765321	93.818	ug/l	98
59) 2-Hexanone	9.48	43	1128444	93.296	ug/l	97
60) Dibromochloromethane	9.57	129	207309	18.129	ug/l	100
61) 1,2-Dibromoethane	9.65	107	198410	19.175	ug/l	100
64) Tetrachloroethene	9.32	164	345911	35.403	ug/l	94
65) Chlorobenzene	10.12	112	503344	19.495	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	194568	18.862	ug/l	98
67) Ethyl Benzene	10.24	91	878532	19.185	ug/l	98
68) m/p-Xylenes	10.34	106	677857	39.752	ug/l	94
69) o-Xylene	10.68	106	331239	19.658	ug/l	97
70) Styrene	10.70	104	576825	19.454	ug/l	98
71) Bromoform	10.84	173	146776	15.631	ug/l #	93
73) Isopropylbenzene	11.00	105	883051	19.751	ug/l	98
74) N-amyl acetate	10.88	43	457962	18.417	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	188033	12.257	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	264971m	18.884	ug/l	
77) Bromobenzene	11.24	156	235290	19.730	ug/l	95
78) n-propylbenzene	11.34	91	985711	19.281	ug/l	100
79) 2-Chlorotoluene	11.40	91	592073	18.895	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	736796	19.297	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100772	17.232	ug/l	94
82) 4-Chlorotoluene	11.50	91	704707	19.184	ug/l	99
83) tert-Butylbenzene	11.76	119	647062	17.349	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	747022	19.199	ug/l	99
85) sec-Butylbenzene	11.93	105	838368	19.436	ug/l	99
86) p-Isopropyltoluene	12.05	119	810190	20.233	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	422551	19.793	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	425259	19.556	ug/l	98
89) n-Butylbenzene	12.37	91	681040	18.820	ug/l	98
90) Hexachloroethane	12.58	117	75595	9.699	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	419550	20.081	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65724	15.179	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	329078	19.913	ug/l	99
94) Hexachlorobutadiene	13.77	225	139837	17.772	ug/l	96
95) Naphthalene	13.82	128	965717	19.157	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	317585	19.960	ug/l	98

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

