

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042120\
 Data File : VX015788.D
 Acq On : 21 Apr 2020 12:48
 Operator : JC/SP
 Sample : VX0421WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:15 AM

Quant Time: Apr 21 16:31:29 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	5.63	168	1009652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1485382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1356287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	740765	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	656113	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
35) Dibromofluoromethane	5.47	113	515410	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
50) Toluene-d8	8.70	98	1910547	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
62) 4-Bromofluorobenzene	11.12	95	768662	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.20%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	135679	15.253	ug/l	100
3) Chloromethane	1.31	50	144605	12.765	ug/l	98
4) Vinyl Chloride	1.39	62	174693	16.795	ug/l	97
5) Bromomethane	1.63	94	75053	9.025	ug/l	99
6) Chloroethane	1.71	64	111250	17.245	ug/l	98
7) Trichlorofluoromethane	1.92	101	251372	18.020	ug/l	100
8) Diethyl Ether	2.17	74	104412	17.746	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	170154	18.711	ug/l	97
10) Methyl Iodide	2.49	142	112965	9.214	ug/l	97
11) Tert butyl alcohol	3.01	59	225335	66.111	ug/l	98
12) 1,1-Dichloroethene	2.36	96	165985	17.413	ug/l	93
13) Acrolein	2.27	56	173416	89.316	ug/l	98
14) Allyl chloride	2.70	41	351542	15.783	ug/l	98
15) Acrylonitrile	3.11	53	557185	85.719	ug/l	99
16) Acetone	2.42	43	630217	103.013	ug/l	97
17) Carbon Disulfide	2.55	76	466823	16.054	ug/l	98
18) Methyl Acetate	2.75	43	271405	17.382	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	646672	17.492	ug/l	98
20) Methylene Chloride	2.83	84	192838	16.875	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	178738	16.896	ug/l	97
22) Diisopropyl ether	3.83	45	704749	17.857	ug/l	91
23) Vinyl Acetate	3.78	43	3056925	85.547	ug/l	100
24) 1,1-Dichloroethane	3.67	63	353938	17.033	ug/l	99
25) 2-Butanone	4.63	43	834196	84.786	ug/l	100
26) 2,2-Dichloropropane	4.55	77	314964	18.466	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	216141	17.660	ug/l	98
28) Bromochloromethane	4.98	49	170017	17.136	ug/l	95
29) Tetrahydrofuran	5.09	42	499335	78.945	ug/l	98
30) Chloroform	5.18	83	345356	17.274	ug/l	94
31) Cyclohexane	5.55	56	309710	17.181	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	308223	17.036	ug/l	99
36) 1,1-Dichloropropene	5.77	75	256114	18.713	ug/l	97
37) Ethyl Acetate	4.79	43	310186	17.406	ug/l	99
38) Carbon Tetrachloride	5.76	117	265402	17.904	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	304449	19.293	ug/l	94
40) Benzene	6.11	78	769469	19.193	ug/l	97
41) Methacrylonitrile	5.00	41	177838	17.977	ug/l	98
42) 1,2-Dichloroethane	6.16	62	292160	18.143	ug/l	99
43) Isopropyl Acetate	6.41	43	526337	17.496	ug/l	98
44) Trichloroethene	7.19	130	213585	19.535	ug/l	97
45) 1,2-Dichloropropane	7.49	63	205946	18.778	ug/l	96
46) Dibromomethane	7.64	93	131369	18.260	ug/l	94
47) Bromodichloromethane	7.87	83	277710	18.116	ug/l	98
48) Methyl methacrylate	7.75	41	261363	17.394	ug/l	97
49) 1,4-Dioxane	7.72	88	86125	307.251	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1570754	92.135	ug/l	99
52) Toluene	8.76	92	487447	19.721	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	309494	17.215	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	338724	18.495	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	202127	19.960	ug/l	99
56) Ethyl methacrylate	9.16	69	324220	18.167	ug/l	97
57) 1,3-Dichloropropane	9.36	76	343776	18.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734348	84.595	ug/l	99
59) 2-Hexanone	9.47	43	1180853	91.744	ug/l	98
60) Dibromochloromethane	9.56	129	220751	18.141	ug/l	98
61) 1,2-Dibromoethane	9.65	107	209589	19.034	ug/l	100
64) Tetrachloroethene	9.32	164	194734	19.025	ug/l	93
65) Chlorobenzene	10.12	112	539122	19.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	208121	19.260	ug/l	99
67) Ethyl Benzene	10.24	91	955987	19.928	ug/l	100
68) m/p-Xylenes	10.34	106	706554	39.553	ug/l	99
69) o-Xylene	10.68	106	351149	19.893	ug/l	98
70) Styrene	10.70	104	599136	19.288	ug/l	98
71) Bromoform	10.84	173	176681	17.961	ug/l #	99
73) Isopropylbenzene	11.00	105	937238	19.310	ug/l	99
74) N-amyl acetate	10.88	43	450430	16.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	306593	18.409	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	276640m	18.160	ug/l	
77) Bromobenzene	11.24	156	255035	19.699	ug/l	93
78) n-propylbenzene	11.34	91	1081379	19.484	ug/l	99
79) 2-Chlorotoluene	11.40	91	648636	19.068	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	798222	19.257	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	92340	14.545	ug/l	96
82) 4-Chlorotoluene	11.49	91	764338	19.166	ug/l	100
83) tert-Butylbenzene	11.76	119	812901	20.077	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	812062	19.224	ug/l	99
85) sec-Butylbenzene	11.93	105	924556	19.744	ug/l	100
86) p-Isopropyltoluene	12.05	119	880481	20.254	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	451799	19.494	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	466025	19.740	ug/l	98
89) n-Butylbenzene	12.37	91	765395	19.483	ug/l	98
90) Hexachloroethane	12.58	117	140768	16.637	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	444422	19.594	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68360	14.543	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	349431	19.477	ug/l	96
94) Hexachlorobutadiene	13.77	225	161682	18.928	ug/l	97
95) Naphthalene	13.82	128	1040694	19.016	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	351549	20.352	ug/l	97

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

