

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015704.D
 Acq On : 16 Apr 2020 12:14
 Operator : JC/SP
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:33 AM

Quant Time: Apr 17 07:17:31 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	1014920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1486194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1388056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	756218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	649653	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	5.47	113	491325	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	8.70	98	1805457	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.12	95	725014	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	144618	16.174	ug/l	100
3) Chloromethane	1.31	50	178171	15.647	ug/l	99
4) Vinyl Chloride	1.39	62	179334	17.152	ug/l	99
5) Bromomethane	1.64	94	120258	20.117	ug/l	97
6) Chloroethane	1.72	64	114106	17.596	ug/l	98
7) Trichlorofluoromethane	1.92	101	254967	18.183	ug/l	98
8) Diethyl Ether	2.17	74	107801	18.227	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	173498	18.980	ug/l	95
10) Methyl Iodide	2.50	142	160036	12.985	ug/l	98
11) Tert butyl alcohol	3.01	59	247132	72.130	ug/l	100
12) 1,1-Dichloroethene	2.36	96	163198	17.032	ug/l	95
13) Acrolein	2.28	56	189390	97.037	ug/l	100
14) Allyl chloride	2.71	41	358332	16.005	ug/l	99
15) Acrylonitrile	3.12	53	556931	85.235	ug/l	99
16) Acetone	2.42	43	504574	82.048	ug/l	97
17) Carbon Disulfide	2.55	76	427119	14.612	ug/l	99
18) Methyl Acetate	2.75	43	266790	16.997	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	657216	17.685	ug/l	99
20) Methylene Chloride	2.84	84	195287	17.001	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	182672	17.178	ug/l	98
22) Diisopropyl ether	3.83	45	708932	17.869	ug/l	96
23) Vinyl Acetate	3.78	43	3103579	86.402	ug/l	100
24) 1,1-Dichloroethane	3.67	63	351448	16.825	ug/l	98
25) 2-Butanone	4.64	43	798960	80.784	ug/l	98
26) 2,2-Dichloropropane	4.54	77	312240	18.211	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	218447	17.755	ug/l	98
28) Bromochloromethane	4.98	49	176425	17.690	ug/l	95
29) Tetrahydrofuran	5.09	42	506596	79.677	ug/l	98
30) Chloroform	5.18	83	353413	17.586	ug/l	98
31) Cyclohexane	5.55	56	316704	17.478	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	307963	16.933	ug/l	99
36) 1,1-Dichloropropene	5.76	75	256427	18.726	ug/l	98
37) Ethyl Acetate	4.79	43	315647	17.703	ug/l	99
38) Carbon Tetrachloride	5.76	117	277579	18.715	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311401	19.723	ug/l	99
40) Benzene	6.11	78	764884	19.069	ug/l	96
41) Methacrylonitrile	5.00	41	180920	18.279	ug/l	98
42) 1,2-Dichloroethane	6.17	62	311346	19.323	ug/l	98
43) Isopropyl Acetate	6.41	43	530789	17.635	ug/l	98
44) Trichloroethene	7.19	130	217467	19.879	ug/l	94
45) 1,2-Dichloropropane	7.49	63	209105	19.056	ug/l	100
46) Dibromomethane	7.64	93	137527	19.106	ug/l	97
47) Bromodichloromethane	7.88	83	283587	18.489	ug/l	94
48) Methyl methacrylate	7.75	41	265860	17.684	ug/l	97
49) 1,4-Dioxane	7.72	88	101680	362.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1585243	92.934	ug/l	100
52) Toluene	8.76	92	484268	19.582	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	324388	18.033	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	345850	18.874	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	198770	19.618	ug/l	94
56) Ethyl methacrylate	9.16	69	320984	17.976	ug/l	99
57) 1,3-Dichloropropane	9.36	76	350126	19.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	825270	95.017	ug/l	100
59) 2-Hexanone	9.47	43	1175827	91.304	ug/l	99
60) Dibromochloromethane	9.56	129	232706	19.113	ug/l	98
61) 1,2-Dibromoethane	9.65	107	213258	19.357	ug/l	99
64) Tetrachloroethene	9.32	164	210199	20.066	ug/l	98
65) Chlorobenzene	10.12	112	547667	19.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	210930	19.073	ug/l	99
67) Ethyl Benzene	10.23	91	940618	19.159	ug/l	99
68) m/p-Xylenes	10.34	106	722291	39.508	ug/l	98
69) o-Xylene	10.68	106	349927	19.370	ug/l	100
70) Styrene	10.70	104	616303	19.387	ug/l	98
71) Bromoform	10.84	173	181979	18.076	ug/l #	97
73) Isopropylbenzene	11.00	105	941551	19.002	ug/l	99
74) N-amyl acetate	10.88	43	457043	16.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	300851	17.695	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	277741m	17.860	ug/l	
77) Bromobenzene	11.24	156	255290	19.316	ug/l	94
78) n-propylbenzene	11.34	91	1066427	18.822	ug/l	98
79) 2-Chlorotoluene	11.40	91	640201	18.435	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	810820	19.161	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	100161	15.454	ug/l	96
82) 4-Chlorotoluene	11.49	91	752982	18.496	ug/l	98
83) tert-Butylbenzene	11.76	119	810971	19.620	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	817100	18.948	ug/l	99
85) sec-Butylbenzene	11.93	105	932779	19.512	ug/l	100
86) p-Isopropyltoluene	12.05	119	891514	20.089	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	463073	19.572	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	469136	19.466	ug/l	99
89) n-Butylbenzene	12.37	91	770784	19.219	ug/l	98
90) Hexachloroethane	12.58	117	146250	16.931	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	452291	19.533	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69276	14.436	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	359474	19.627	ug/l	99
94) Hexachlorobutadiene	13.77	225	171681	19.688	ug/l	96
95) Naphthalene	13.82	128	1008206	18.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	353985	20.074	ug/l	98

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

