

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015307.D
 Acq On : 16 Mar 2020 20:28
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/17/2020 12:11:25 PM

Quant Time: Mar 17 09:00:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	292970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	455783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	429469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	232350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	163268	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	5.49	113	140110	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.71	98	535681	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	200010	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	112873	43.997	ug/l	98
3) Chloromethane	1.32	50	159182	43.803	ug/l	100
4) Vinyl Chloride	1.40	62	162286	44.041	ug/l	99
5) Bromomethane	1.64	94	96880	42.764	ug/l	99
6) Chloroethane	1.72	64	104537	47.292	ug/l	97
7) Trichlorofluoromethane	1.92	101	204249	46.583	ug/l	95
8) Diethyl Ether	2.18	74	94606	47.638	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128197	46.472	ug/l	98
10) Methyl Iodide	2.50	142	134541	43.169	ug/l	98
11) Tert butyl alcohol	3.04	59	153595	254.704	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132442	46.520	ug/l	94
13) Acrolein	2.28	56	137247	242.182	ug/l	99
14) Allyl chloride	2.72	41	251666	50.696	ug/l	93
15) Acrylonitrile	3.13	53	403182	268.466	ug/l	99
16) Acetone	2.44	43	313534	222.744	ug/l	98
17) Carbon Disulfide	2.56	76	334864	42.353	ug/l	100
18) Methyl Acetate	2.76	43	185078	53.773	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	452522	50.865	ug/l	99
20) Methylene Chloride	2.85	84	155987	47.352	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	143048	47.056	ug/l	98
22) Diisopropyl ether	3.84	45	525462	53.129	ug/l	96
23) Vinyl Acetate	3.80	43	2168613	266.744	ug/l	98
24) 1,1-Dichloroethane	3.69	63	274348	49.980	ug/l	99
25) 2-Butanone	4.65	43	540510	262.292	ug/l	96
26) 2,2-Dichloropropane	4.58	77	186695	42.843	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	168283	49.344	ug/l	99
28) Bromochloromethane	5.00	49	131028	52.420	ug/l	94
29) Tetrahydrofuran	5.11	42	357590	269.196	ug/l	97
30) Chloroform	5.20	83	263904	49.327	ug/l	98
31) Cyclohexane	5.57	56	238783	48.769	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	215384	48.565	ug/l	99
36) 1,1-Dichloropropene	5.79	75	195539	46.408	ug/l	99
37) Ethyl Acetate	4.82	43	215804	55.214	ug/l	99
38) Carbon Tetrachloride	5.78	117	183439	46.122	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233497	47.458	ug/l	98
40) Benzene	6.14	78	619509	49.557	ug/l	99
41) Methacrylonitrile	5.03	41	126553	53.906	ug/l	95
42) 1,2-Dichloroethane	6.18	62	204547	47.647	ug/l	99
43) Isopropyl Acetate	6.43	43	352982	51.337	ug/l	98
44) Trichloroethene	7.21	130	170380	48.940	ug/l	97
45) 1,2-Dichloropropane	7.51	63	166633	51.498	ug/l	99
46) Dibromomethane	7.65	93	101780	48.274	ug/l	99
47) Bromodichloromethane	7.89	83	208041	49.898	ug/l	98
48) Methyl methacrylate	7.76	41	177939	50.847	ug/l	97
49) 1,4-Dioxane	7.73	88	73686	973.862	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1101050	270.837	ug/l	100
52) Toluene	8.78	92	383421	50.163	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	223216	50.299	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	254046	50.638	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	158782	50.470	ug/l	98
56) Ethyl methacrylate	9.17	69	247328	55.116	ug/l	95
57) 1,3-Dichloropropane	9.37	76	267811	50.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	634692	259.626	ug/l	99
59) 2-Hexanone	9.48	43	818930	271.782	ug/l	98
60) Dibromochloromethane	9.57	129	168636	51.028	ug/l	99
61) 1,2-Dibromoethane	9.67	107	163641	49.522	ug/l	99
64) Tetrachloroethene	9.33	164	170853	48.116	ug/l	98
65) Chlorobenzene	10.14	112	414842	48.113	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	154635	47.562	ug/l	99
67) Ethyl Benzene	10.25	91	732271	50.014	ug/l	99
68) m/p-Xylenes	10.35	106	558750	100.305	ug/l	99
69) o-Xylene	10.70	106	268176	50.282	ug/l	100
70) Styrene	10.71	104	472204	51.637	ug/l	99
71) Bromoform	10.85	173	126577	50.205	ug/l #	99
73) Isopropylbenzene	11.01	105	714003	48.105	ug/l	100
74) N-amyl acetate	10.89	43	311999	49.878	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	232189	46.940	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	194022m	41.863	ug/l	
77) Bromobenzene	11.25	156	189177	45.734	ug/l	97
78) n-propylbenzene	11.35	91	838679	49.458	ug/l	99
79) 2-Chlorotoluene	11.42	91	492951	48.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	609031	49.291	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	76763	47.005	ug/l	97
82) 4-Chlorotoluene	11.51	91	572043	47.813	ug/l	100
83) tert-Butylbenzene	11.76	119	576086	48.219	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	620823	50.015	ug/l	100
85) sec-Butylbenzene	11.94	105	706659	48.997	ug/l	99
86) p-Isopropyltoluene	12.06	119	657637	49.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343970	47.302	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	349455	46.548	ug/l	100
89) n-Butylbenzene	12.39	91	583709	49.391	ug/l	100
90) Hexachloroethane	12.59	117	116446	46.354	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	346815	47.972	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	48530	48.995	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	252859	50.387	ug/l	100
94) Hexachlorobutadiene	13.78	225	118361	45.963	ug/l	99
95) Naphthalene	13.83	128	734610	47.828	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	257157	51.360	ug/l	99

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

