

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016429.D
 Acq On : 26 May 2020 16:37
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX052620

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:50 PM

Quant Time: May 26 17:57:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	151186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	256833	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	248338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	126419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	104350	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
35) Dibromofluoromethane	5.46	113	84108	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
50) Toluene-d8	8.70	98	328180	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	11.12	95	123577	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59479	48.477	ug/l	97
3) Chloromethane	1.31	50	81692	54.452	ug/l	99
4) Vinyl Chloride	1.39	62	115840	58.456	ug/l	99
5) Bromomethane	1.62	94	153504	61.493	ug/l	99
6) Chloroethane	1.70	64	82035	56.133	ug/l	100
7) Trichlorofluoromethane	1.91	101	190129	57.663	ug/l	97
8) Diethyl Ether	2.17	74	75608	56.257	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	73793	51.504	ug/l	98
10) Methyl Iodide	2.49	142	75063	46.767	ug/l	99
11) Tert butyl alcohol	3.01	59	117241	258.983	ug/l	100
12) 1,1-Dichloroethene	2.35	96	76083	51.928	ug/l	99
13) Acrolein	2.27	56	80709	360.158	ug/l	99
14) Allyl chloride	2.70	41	126625	52.903	ug/l	100
15) Acrylonitrile	3.11	53	243342	269.951	ug/l	99
16) Acetone	2.42	43	210133	269.394	ug/l	100
17) Carbon Disulfide	2.54	76	225841	52.088	ug/l	100
18) Methyl Acetate	2.75	43	101459	53.335	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	282276	55.278	ug/l	99
20) Methylene Chloride	2.83	84	86875	51.632	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	87648	52.641	ug/l	92
22) Diisopropyl ether	3.82	45	271015	56.208	ug/l	98
23) Vinyl Acetate	3.78	43	1214239	281.603	ug/l	100
24) 1,1-Dichloroethane	3.67	63	154991	54.195	ug/l	99
25) 2-Butanone	4.63	43	349721	275.936	ug/l	100
26) 2,2-Dichloropropane	4.54	77	138590	53.315	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	103285	54.447	ug/l	98
28) Bromochloromethane	4.98	49	73058	53.292	ug/l	98
29) Tetrahydrofuran	5.09	42	232592	283.163	ug/l	99
30) Chloroform	5.17	83	171520	57.073	ug/l	100
31) Cyclohexane	5.54	56	136818	56.369	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	156057	56.712	ug/l	100
36) 1,1-Dichloropropene	5.76	75	125653	55.186	ug/l	99
37) Ethyl Acetate	4.79	43	134921	53.620	ug/l	99
38) Carbon Tetrachloride	5.75	117	138476	56.115	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	142909	56.668	ug/l	98
40) Benzene	6.11	78	371751	54.703	ug/l	100
41) Methacrylonitrile	5.00	41	70456	52.366	ug/l	97
42) 1,2-Dichloroethane	6.16	62	136508	55.031	ug/l	100
43) Isopropyl Acetate	6.41	43	221773	54.943	ug/l	100
44) Trichloroethene	7.18	130	121016	54.326	ug/l	99
45) 1,2-Dichloropropane	7.49	63	93273	54.956	ug/l	98
46) Dibromomethane	7.63	93	67265	54.389	ug/l	98
47) Bromodichloromethane	7.87	83	138978	55.639	ug/l	97
48) Methyl methacrylate	7.74	41	101646	55.261	ug/l	99
49) 1,4-Dioxane	7.71	88	49507	1045.965	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	703523	275.787	ug/l	100
52) Toluene	8.76	92	251892	57.767	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	158576	55.783	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	158875	54.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	99335	55.866	ug/l	97
56) Ethyl methacrylate	9.16	69	154406	57.705	ug/l	99
57) 1,3-Dichloropropane	9.35	76	163785	55.556	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	412670	289.141	ug/l	100
59) 2-Hexanone	9.48	43	546578	278.263	ug/l	100
60) Dibromochloromethane	9.57	129	116682	57.066	ug/l	99
61) 1,2-Dibromoethane	9.65	107	112021	57.408	ug/l	100
64) Tetrachloroethene	9.32	164	136246	52.662	ug/l	93
65) Chlorobenzene	10.12	112	273977	55.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	105754	55.595	ug/l	99
67) Ethyl Benzene	10.24	91	479140	56.169	ug/l	99
68) m/p-Xylenes	10.34	106	379659	113.815	ug/l	99
69) o-Xylene	10.68	106	178754	56.390	ug/l	99
70) Styrene	10.70	104	304580	56.914	ug/l	99
71) Bromoform	10.84	173	89557	57.029	ug/l #	99
73) Isopropylbenzene	11.00	105	467937	54.825	ug/l	100
74) N-amyl acetate	10.88	43	192819	53.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	117784	54.631	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	139050m	52.995	ug/l	
77) Bromobenzene	11.24	156	124024	56.119	ug/l	98
78) n-propylbenzene	11.35	91	523153	54.214	ug/l	100
79) 2-Chlorotoluene	11.40	91	310918	54.160	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	388445	54.437	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	57406	52.613	ug/l	99
82) 4-Chlorotoluene	11.49	91	375799	54.430	ug/l	100
83) tert-Butylbenzene	11.76	119	340143	55.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	395726	55.029	ug/l	99
85) sec-Butylbenzene	11.93	105	433016	56.016	ug/l	99
86) p-Isopropyltoluene	12.05	119	404637	56.029	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	216009	55.058	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	214273	53.954	ug/l	99
89) n-Butylbenzene	12.37	91	343572	54.836	ug/l	99
90) Hexachloroethane	12.58	117	73236	55.957	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	210913	54.554	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35901	53.812	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	128907	53.569	ug/l	99
94) Hexachlorobutadiene	13.77	225	48430	55.813	ug/l	96
95) Naphthalene	13.82	128	468861	54.375	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	127441	54.794	ug/l	100

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

