

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016421.D
 Acq On : 26 May 2020 12:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:09 PM

Quant Time: May 26 17:53:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	109027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	198072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	184798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	81435	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	9391	6.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.96%	
35) Dibromofluoromethane	5.46	113	6910	5.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.88%	
50) Toluene-d8	8.70	98	22753	4.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.32%	
62) 4-Bromofluorobenzene	11.12	95	9122	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	3919	3.543	ug/l	87
3) Chloromethane	1.31	50	6507	4.985	ug/l	92
4) Vinyl Chloride	1.39	62	8672	6.021	ug/l	99
5) Bromomethane	1.62	94	12248	13.048	ug/l	96
6) Chloroethane	1.70	64	6739	7.536	ug/l	100
7) Trichlorofluoromethane	1.91	101	14080	7.187	ug/l	92
8) Diethyl Ether	2.17	74	6466	7.891	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	6187	5.781	ug/l	98
10) Methyl Iodide	2.49	142	4158	3.023	ug/l	92
11) Tert butyl alcohol	3.01	59	11236	31.716	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	6184	5.525	ug/l	84
13) Acrolein	2.27	56	7674	35.672	ug/l	97
14) Allyl chloride	2.70	41	10773	5.329	ug/l	94
15) Acrylonitrile	3.11	53	20676	28.017	ug/l	94
16) Acetone	2.42	43	20445	32.538	ug/l	97
17) Carbon Disulfide	2.54	76	17807	4.681	ug/l	97
18) Methyl Acetate	2.75	43	9843	6.375	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	23748	6.121	ug/l	94
20) Methylene Chloride	2.83	84	7539	5.765	ug/l	88
21) trans-1,2-Dichloroethene	3.14	96	7570	5.985	ug/l	88
22) Diisopropyl ether	3.82	45	22211	5.738	ug/l	91
23) Vinyl Acetate	3.78	43	99263	29.201	ug/l	97
24) 1,1-Dichloroethane	3.67	63	13200	6.056	ug/l #	96
25) 2-Butanone	4.64	43	31237	30.814	ug/l	98
26) 2,2-Dichloropropane	4.54	77	11817	5.922	ug/l	79
27) cis-1,2-Dichloroethene	4.56	96	8527	6.144	ug/l	98
28) Bromochloromethane	4.98	49	6904	6.915	ug/l #	78
29) Tetrahydrofuran	5.09	42	20904	31.164	ug/l	98
30) Chloroform	5.17	83	13857	6.323	ug/l	96
31) Cyclohexane	5.54	56	10030	5.151	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	11935	5.972	ug/l	95
36) 1,1-Dichloropropene	5.77	75	9116	4.705	ug/l	96
37) Ethyl Acetate	4.79	43	12365	5.595	ug/l #	95
38) Carbon Tetrachloride	5.76	117	9870	4.990	ug/l #	80

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	9714	4.235	ug/l	95
40) Benzene	6.10	78	29434	5.184	ug/l	99
41) Methacrylonitrile	4.99	41	5908	4.953	ug/l #	83
42) 1,2-Dichloroethane	6.15	62	12091	5.920	ug/l	96
43) Isopropyl Acetate	6.41	43	18877	5.337	ug/l	99
44) Trichloroethene	7.18	130	10073	5.021	ug/l	97
45) 1,2-Dichloropropane	7.48	63	8006	5.613	ug/l	91
46) Dibromomethane	7.63	93	5424	5.501	ug/l	92
47) Bromodichloromethane	7.87	83	11238	5.644	ug/l	95
48) Methyl methacrylate	7.74	41	8749	5.250	ug/l	96
49) 1,4-Dioxane	7.72	88	4665	114.990	ug/l #	88
51) 4-Methyl-2-Pentanone	8.62	43	57180	26.389	ug/l	98
52) Toluene	8.76	92	17632	4.961	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	12431	5.252	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	13033	5.294	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	8171	5.818	ug/l	90
56) Ethyl methacrylate	9.16	69	11209	4.966	ug/l	91
57) 1,3-Dichloropropane	9.35	76	13398	5.508	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	29627	24.704	ug/l	100
59) 2-Hexanone	9.47	43	43722	25.671	ug/l	98
60) Dibromochloromethane	9.56	129	8063	5.183	ug/l	97
61) 1,2-Dibromoethane	9.65	107	8597	5.635	ug/l	94
64) Tetrachloroethene	9.32	164	10447	4.664	ug/l	93
65) Chlorobenzene	10.12	112	20027	5.190	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	7688	5.375	ug/l	96
67) Ethyl Benzene	10.23	91	32917	4.810	ug/l	97
68) m/p-Xylenes	10.34	106	24853	9.666	ug/l	98
69) o-Xylene	10.68	106	12561	5.072	ug/l	100
70) Styrene	10.70	104	19538	4.664	ug/l	98
71) Bromoform	10.84	173	5448	4.667	ug/l #	96
73) Isopropylbenzene	11.00	105	29903	5.089	ug/l	100
74) N-amyl acetate	10.88	43	14817	5.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	6330	5.866	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	11451m	6.283	ug/l	
77) Bromobenzene	11.24	156	8130	5.325	ug/l	89
78) n-propylbenzene	11.34	91	33560	4.921	ug/l	97
79) 2-Chlorotoluene	11.40	91	21859	5.421	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	24377	4.917	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	4338	5.708	ug/l	89
82) 4-Chlorotoluene	11.49	91	25027	5.251	ug/l	97
83) tert-Butylbenzene	11.76	119	19925	4.665	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	25505	5.099	ug/l	97
85) sec-Butylbenzene	11.93	105	25287	4.426	ug/l	97
86) p-Isopropyltoluene	12.05	119	23246	4.393	ug/l	96
87) 1,3-Dichlorobenzene	12.01	146	13766	5.048	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	14210	5.131	ug/l	93
89) n-Butylbenzene	12.37	91	19560	4.069	ug/l	98
90) Hexachloroethane	12.58	117	4439	4.853	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	13886	5.262	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2898	6.029	ug/l	80

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QLast Update : Tue May 26 15:50:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	7468	3.903	ug/l	93
94) Hexachlorobutadiene	13.77	225	2385	2.787	ug/l	98
95) Naphthalene	13.82	128	29118	4.646	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	7500	4.029	ug/l	98

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

