

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042021\
 Data File : VX021749.D
 Acq On : 20 Apr 2021 11:17
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/21/2021 4:35:35 PM

Quant Time: Apr 20 13:10:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:07:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	195573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	314539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	288148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	140571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.00%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	1779	0.84	ug/l	99
3) Chloromethane	1.313	50	3988	1.45	ug/l	100
4) Vinyl Chloride	1.392	62	2029	0.92	ug/l #	86
6) Chloroethane	1.715	64	1419	1.02	ug/l	94
7) Trichlorofluoromethane	1.916	101	2559	0.74	ug/l	97
8) Diethyl Ether	2.166	74	1092	0.88	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.368	101	1694	0.85	ug/l	99
12) 1,1-Dichloroethene	2.355	96	1564	0.80	ug/l	86
14) Allyl chloride	2.709	41	2773	0.72	ug/l	97
15) Acrylonitrile	3.117	53	3953	3.21	ug/l	93
16) Acetone	2.416	43	3570	3.08	ug/l	96
17) Carbon Disulfide	2.550	76	4552	0.82	ug/l	96
18) Methyl Acetate	2.752	43	1961	0.60	ug/l	93
19) Methyl tert-butyl Ether	3.166	73	5788	0.81	ug/l	92
20) Methylene Chloride	2.831	84	2786	1.18	ug/l	98
21) trans-1,2-Dichloroethene	3.148	96	2021	0.94	ug/l	85
22) Diisopropyl ether	3.831	45	5527	0.74	ug/l #	84
23) Vinyl Acetate	3.782	43	21169	3.36	ug/l	96
24) 1,1-Dichloroethane	3.672	63	3011	0.74	ug/l #	91
25) 2-Butanone	4.635	43	5464	3.08	ug/l	97
26) 2,2-Dichloropropane	4.538	77	3515	0.99	ug/l	77
27) cis-1,2-Dichloroethene	4.568	96	2023	0.81	ug/l	92
28) Bromochloromethane	4.965	49	1459	0.73	ug/l	93
29) Tetrahydrofuran	5.093	42	3748	3.25	ug/l	93
30) Chloroform	5.172	83	3844m	0.90	ug/l	
32) 1,1,1-Trichloroethane	5.458	97	3232	0.85	ug/l #	45
36) 1,1-Dichloropropene	5.763	75	2389	0.79	ug/l	97
37) Ethyl Acetate	4.794	43	2250	0.66	ug/l #	84
38) Carbon Tetrachloride	5.745	117	2800	0.86	ug/l #	93
39) Methylcyclohexane	7.434	83	3304	0.97	ug/l	88
40) Benzene	6.105	78	7190	0.83	ug/l	94
41) Methacrylonitrile	4.995	41	1437	0.73	ug/l #	74
42) 1,2-Dichloroethane	6.153	62	2275	0.63	ug/l #	69
43) Isopropyl Acetate	6.409	43	4305	0.78	ug/l	97
44) Trichloroethene	7.184	130	2070	0.89	ug/l	90
45) 1,2-Dichloropropane	7.489	63	2025	0.87	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.635	93	1363	0.81	ug/l	93
47) Bromodichloromethane	7.867	83	2919	0.85	ug/l #	78
48) Methyl methacrylate	7.745	41	1993	0.68	ug/l	92
49) 1,4-Dioxane	7.714	88	889	16.16	ug/l #	65
51) 4-Methyl-2-Pentanone	8.616	43	11226	3.32	ug/l	96
52) Toluene	8.757	92	4528	0.84	ug/l	94
53) t-1,3-Dichloropropene	9.019	75	2870	0.81	ug/l	100
54) cis-1,3-Dichloropropene	8.415	75	3008	0.80	ug/l	89
55) 1,1,2-Trichloroethane	9.196	97	1954	0.86	ug/l	91
56) Ethyl methacrylate	9.153	69	2802	0.83	ug/l	91
57) 1,3-Dichloropropane	9.354	76	2906	0.76	ug/l	90
58) 2-Chloroethyl Vinyl ether	8.287	63	6895	3.67	ug/l	94
59) 2-Hexanone	9.470	43	8004	3.15	ug/l	99
60) Dibromochloromethane	9.561	129	2319	0.90	ug/l	91
61) 1,2-Dibromoethane	9.647	107	2103	0.87	ug/l	97
64) Tetrachloroethene	9.317	164	1980	1.01	ug/l	91
65) Chlorobenzene	10.116	112	5094	0.88	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	10.201	131	1958	0.88	ug/l #	66
67) Ethyl Benzene	10.232	91	9099	0.87	ug/l	97
68) m/p-Xylenes	10.342	106	6718	1.78	ug/l	94
69) o-Xylene	10.677	106	3239	0.89	ug/l	93
70) Styrene	10.695	104	5571	0.89	ug/l	97
71) Bromoform	10.835	173	1610	0.87	ug/l #	94
73) Isopropylbenzene	11.000	105	8890	0.91	ug/l	98
74) N-amyl acetate	10.878	43	3644	0.79	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.250	83	2575	0.75	ug/l	85
76) 1,2,3-Trichloropropane	11.274	75	2660m	0.83	ug/l	
77) Bromobenzene	11.238	156	2427	0.99	ug/l	91
78) n-propylbenzene	11.342	91	9463	0.83	ug/l	97
79) 2-Chlorotoluene	11.402	91	5673	0.82	ug/l	93
80) 1,3,5-Trimethylbenzene	11.488	105	7580	0.91	ug/l	97
82) 4-Chlorotoluene	11.494	91	6345	0.77	ug/l	93
83) tert-Butylbenzene	11.750	119	7697	0.94	ug/l	96
84) 1,2,4-Trimethylbenzene	11.787	105	7741	0.92	ug/l	100
85) sec-Butylbenzene	11.927	105	8375	0.89	ug/l	98
86) p-Isopropyltoluene	12.043	119	7903	0.92	ug/l	92
87) 1,3-Dichlorobenzene	12.006	146	3764	0.85	ug/l	93
88) 1,4-Dichlorobenzene	12.079	146	3855m	0.84	ug/l	
89) n-Butylbenzene	12.372	91	6545	0.84	ug/l	97
90) Hexachloroethane	12.579	117	1378	0.88	ug/l	92
91) 1,2-Dichlorobenzene	12.372	146	3710	0.86	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.981	75	591	0.76	ug/l	91
93) 1,2,4-Trichlorobenzene	13.628	180	2608	0.91	ug/l	99
94) Hexachlorobutadiene	13.762	225	1244	0.94	ug/l	99
95) Naphthalene	13.817	128	7672	0.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	2346	0.82	ug/l	96

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

