

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024450.D
 Acq On : 23 Sep 2021 15:18
 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
 9/24/2021 6:57:41 PM

Quant Time: Sep 23 17:10:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 17:05:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1091	0.841	ug/l	79
3) Chloromethane	1.295	50	1273	0.960	ug/l	91
4) Vinyl Chloride	1.374	62	1214	0.911	ug/l #	76
6) Chloroethane	1.679	64	1478	1.685	ug/l	99
7) Trichlorofluoromethane	1.886	101	2238	0.998	ug/l	96
8) Diethyl Ether	2.136	74	845	1.102	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	1270	0.971	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1119	0.919	ug/l #	71
14) Allyl chloride	2.666	41	2203	0.994	ug/l #	80
15) Acrylonitrile	3.069	53	4609	5.897	ug/l	99
16) Acetone	2.386	43	5771	7.088	ug/l #	87
17) Carbon Disulfide	2.508	76	4269	1.400	ug/l #	92
18) Methyl Acetate	2.715	43	3197	1.250	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	4655	1.041	ug/l	92
20) Methylene Chloride	2.788	84	2388	1.552	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	1525	1.139	ug/l	98
22) Diisopropyl ether	3.764	45	4606	1.057	ug/l #	78
23) Vinyl Acetate	3.733	43	17040	4.803	ug/l	95
24) 1,1-Dichloroethane	3.617	63	2448	0.960	ug/l #	93
25) 2-Butanone	4.568	43	6724	5.578	ug/l	90
26) 2,2-Dichloropropane	4.501	77	2255	1.009	ug/l #	52
27) cis-1,2-Dichloroethene	4.489	96	1724	1.120	ug/l	84
28) Bromochloromethane	4.910	49	1237	1.169	ug/l #	97
29) Tetrahydrofuran	5.032	42	4152	5.496	ug/l	91
30) Chloroform	5.105	83	2918	1.075	ug/l #	70
32) 1,1,1-Trichloroethane	5.391	97	2240	0.921	ug/l #	48
36) 1,1-Dichloropropene	5.702	75	2013	1.015	ug/l	82
37) Ethyl Acetate	4.739	43	2778	1.188	ug/l #	81
38) Carbon Tetrachloride	5.684	117	1886	0.844	ug/l	95
39) Methylcyclohexane	7.385	83	1966	0.831	ug/l #	87
40) Benzene	6.038	78	5808	1.026	ug/l #	90
41) Methacrylonitrile	4.934	41	1280	1.035	ug/l #	81
42) 1,2-Dichloroethane	6.092	62	2493	1.050	ug/l	76
43) Isopropyl Acetate	6.355	43	4008	1.089	ug/l #	89
44) Trichloroethene	7.129	130	1625	1.022	ug/l	98
45) 1,2-Dichloropropane	7.434	63	1440	0.964	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	1193	1.089	ug/l	96
47) Bromodichloromethane	7.824	83	1995	0.980	ug/l #	89
48) Methyl methacrylate	7.702	41	1969	1.069	ug/l #	80
49) 1,4-Dioxane	7.678	88	913	23.249	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	12352	5.234	ug/l #	86
52) Toluene	8.720	92	3559	0.958	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	2156	0.936	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	2058	0.866	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	1441	0.912	ug/l	95
56) Ethyl methacrylate	9.122	69	2307	0.973	ug/l #	82
57) 1,3-Dichloropropane	9.317	76	2736	1.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	6353	5.460	ug/l	92
59) 2-Hexanone	9.433	43	9505	5.151	ug/l	79
60) Dibromochloromethane	9.525	129	1189	0.748	ug/l	78
61) 1,2-Dibromoethane	9.610	107	1663	0.983	ug/l	93
64) Tetrachloroethene	9.275	164	1314	0.870	ug/l #	85
65) Chlorobenzene	10.079	112	3955	0.965	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	1387	0.914	ug/l #	66
67) Ethyl Benzene	10.195	91	6746	0.938	ug/l	100
68) m/p-Xylenes	10.305	106	4739	1.721	ug/l	93
69) o-Xylene	10.640	106	2454	0.896	ug/l	96
70) Styrene	10.659	104	3949	0.887	ug/l	97
71) Bromoform	10.805	173	935	0.823	ug/l #	88
73) Isopropylbenzene	10.963	105	6211	0.913	ug/l	99
74) N-amyl acetate	10.848	43	3062	1.065	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.220	83	2467	1.103	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	2208m	1.045	ug/l	
77) Bromobenzene	11.201	156	1736	1.019	ug/l	93
78) n-propylbenzene	11.311	91	7275	0.945	ug/l	99
79) 2-Chlorotoluene	11.366	91	4571	0.959	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	4696	0.816	ug/l	95
82) 4-Chlorotoluene	11.457	91	5362	0.984	ug/l	98
83) tert-Butylbenzene	11.719	119	5084	0.911	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	4731	0.835	ug/l	96
85) sec-Butylbenzene	11.896	105	5855	0.842	ug/l	97
86) p-Isopropyltoluene	12.012	119	5125	0.876	ug/l	91
87) 1,3-Dichlorobenzene	11.976	146	3422	1.108	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	3769m	1.192	ug/l	
89) n-Butylbenzene	12.335	91	4390	0.864	ug/l	96
90) Hexachloroethane	12.536	117	916	0.974	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	3400	1.118	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	535	1.031	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	2102	1.164	ug/l	95
94) Hexachlorobutadiene	13.731	225	888	0.986	ug/l	94
95) Naphthalene	13.780	128	5053	0.864	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	2254	1.238	ug/l	92

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

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