

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024451.D
 Acq On : 23 Sep 2021 15:43
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:57:44 PM

Quant Time: Sep 23 17:10:41 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	5.562	168	146222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	11234	5.368	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.740%#		
35) Dibromofluoromethane	5.397	113	7622	5.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.020%#		
50) Toluene-d8	8.653	98	28688	5.159	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.320%#		
62) 4-Bromofluorobenzene	11.085	95	10823	5.026	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.060%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	7286	5.099	ug/l	97
3) Chloromethane	1.294	50	7361	5.042	ug/l	94
4) Vinyl Chloride	1.374	62	7397	5.039	ug/l	100
5) Bromomethane	1.599	94	5492	6.077	ug/l	90
6) Chloroethane	1.679	64	5519	5.715	ug/l #	84
7) Trichlorofluoromethane	1.880	101	13649	5.526	ug/l	96
8) Diethyl Ether	2.136	74	4416	5.232	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.325	101	7851	5.452	ug/l	94
10) Methyl Iodide	2.453	142	9629	4.897	ug/l #	89
11) Tert butyl alcohol	2.977	59	17181	34.325	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	7207	5.378	ug/l	92
13) Acrolein	2.239	56	3221	24.151	ug/l	83
14) Allyl chloride	2.666	41	12028	4.929	ug/l	87
15) Acrylonitrile	3.075	53	23467	27.266	ug/l	97
16) Acetone	2.386	43	24469	27.292	ug/l	90
17) Carbon Disulfide	2.508	76	16862	5.023	ug/l	99
18) Methyl Acetate	2.709	43	15853	5.627	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	25198	5.116	ug/l	93
20) Methylene Chloride	2.788	84	8841	5.217	ug/l #	92
21) trans-1,2-Dichloroethene	3.093	96	7635	5.179	ug/l	89
22) Diisopropyl ether	3.770	45	25032	5.218	ug/l #	90
23) Vinyl Acetate	3.727	43	97958	25.073	ug/l	94
24) 1,1-Dichloroethane	3.611	63	14336	5.105	ug/l	96
25) 2-Butanone	4.568	43	35333	26.619	ug/l	94
26) 2,2-Dichloropropane	4.477	77	12910	5.247	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	9124	5.381	ug/l	92
28) Bromochloromethane	4.897	49	6714	5.764	ug/l #	92
29) Tetrahydrofuran	5.019	42	22015	26.464	ug/l	90
30) Chloroform	5.105	83	15229	5.094	ug/l	99
31) Cyclohexane	5.471	56	12099	4.968	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	13568	5.064	ug/l	94
36) 1,1-Dichloropropene	5.702	75	11306	5.425	ug/l	99
37) Ethyl Acetate	4.727	43	14300	5.817	ug/l #	93
38) Carbon Tetrachloride	5.684	117	11949	5.086	ug/l	97
39) Methylcyclohexane	7.385	83	13386	5.379	ug/l	97
40) Benzene	6.044	78	32891	5.527	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7023	5.401	ug/l	90
42) 1,2-Dichloroethane	6.098	62	13640	5.466	ug/l	95
43) Isopropyl Acetate	6.348	43	20500	5.299	ug/l #	91
44) Trichloroethene	7.129	130	8916	5.334	ug/l	91
45) 1,2-Dichloropropane	7.434	63	8467	5.392	ug/l	91
46) Dibromomethane	7.586	93	6130	5.323	ug/l	95
47) Bromodichloromethane	7.824	83	10189	4.760	ug/l	94
48) Methyl methacrylate	7.696	41	9917	5.122	ug/l #	84
49) 1,4-Dioxane	7.671	88	4725	114.444	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	68245	27.505	ug/l	88
52) Toluene	8.720	92	20434	5.234	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	11662	4.815	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	12181	4.878	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	8416	5.068	ug/l	98
56) Ethyl methacrylate	9.122	69	12370	4.964	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	13967	5.152	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	30355	24.815	ug/l	96
59) 2-Hexanone	9.433	43	51942	26.774	ug/l	86
60) Dibromochloromethane	9.525	129	7818	4.677	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8750	4.920	ug/l	100
64) Tetrachloroethene	9.275	164	7639	4.789	ug/l	93
65) Chlorobenzene	10.086	112	22877	5.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	8205	5.118	ug/l	99
67) Ethyl Benzene	10.195	91	38530	5.072	ug/l	99
68) m/p-Xylenes	10.305	106	29534	10.152	ug/l	95
69) o-Xylene	10.646	106	14281	4.933	ug/l	95
70) Styrene	10.659	104	23743	5.048	ug/l	98
71) Bromoform	10.805	173	5351	4.459	ug/l #	97
73) Isopropylbenzene	10.963	105	38306	5.051	ug/l	99
74) N-amyl acetate	10.848	43	16633	5.191	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	13736	5.508	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	12263m	5.207	ug/l	
77) Bromobenzene	11.201	156	10126	5.330	ug/l	94
78) n-propylbenzene	11.305	91	44109	5.140	ug/l	100
79) 2-Chlorotoluene	11.366	91	27267	5.133	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	33038	5.151	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	3293	4.124	ug/l #	75
82) 4-Chlorotoluene	11.457	91	32206	5.299	ug/l	99
83) tert-Butylbenzene	11.719	119	32427	5.211	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	32068	5.080	ug/l	98
85) sec-Butylbenzene	11.896	105	39997	5.161	ug/l	98
86) p-Isopropyltoluene	12.012	119	32799	5.026	ug/l	95
87) 1,3-Dichlorobenzene	11.975	146	18460	5.363	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	19456	5.519	ug/l	94
89) n-Butylbenzene	12.335	91	29564	5.216	ug/l	93
90) Hexachloroethane	12.542	117	5137	4.899	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	18233	5.378	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2896	5.005	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	10557	5.243	ug/l	98
94) Hexachlorobutadiene	13.731	225	5578	5.558	ug/l	97
95) Naphthalene	13.780	128	32492	4.985	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10971	5.404	ug/l	100

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

