

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024454.D
 Acq On : 23 Sep 2021 16:53
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/24/2021 6:57:50 PM

Quant Time: Sep 23 17:18:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 17:13:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	152801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221436	101.249	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 202.500%#	
35) Dibromofluoromethane	5.397	113	168351	105.471	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 210.940%#	
50) Toluene-d8	8.653	98	621348	106.562	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 213.120%#	
62) 4-Bromofluorobenzene	11.085	95	251566	111.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 222.820%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	169501	113.523	ug/l	99
3) Chloromethane	1.294	50	147360	96.587	ug/l	100
4) Vinyl Chloride	1.374	62	162352	105.826	ug/l	100
5) Bromomethane	1.599	94	101038	106.995	ug/l	100
6) Chloroethane	1.672	64	102051	101.133	ug/l	96
7) Trichlorofluoromethane	1.880	101	282014	109.267	ug/l	99
8) Diethyl Ether	2.136	74	95498	108.267	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	156084	103.732	ug/l	95
10) Methyl Iodide	2.447	142	232971	113.370	ug/l	91
11) Tert butyl alcohol	2.989	59	242991	464.563	ug/l	98
12) 1,1-Dichloroethene	2.312	96	148550	106.074	ug/l	91
13) Acrolein	2.239	56	59701	428.372	ug/l	96
14) Allyl chloride	2.666	41	275138	107.893	ug/l	90
15) Acrylonitrile	3.075	53	500897	556.927	ug/l	98
16) Acetone	2.392	43	465146	496.466	ug/l	90
17) Carbon Disulfide	2.508	76	382421	109.017	ug/l	99
18) Methyl Acetate	2.709	43	321886	109.336	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	567442	110.259	ug/l	99
20) Methylene Chloride	2.788	84	169019	95.446	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	164862	107.010	ug/l	94
22) Diisopropyl ether	3.770	45	566134	112.923	ug/l	98
23) Vinyl Acetate	3.733	43	2357694	577.479	ug/l	95
24) 1,1-Dichloroethane	3.611	63	310373	105.759	ug/l	97
25) 2-Butanone	4.568	43	764216	550.954	ug/l	93
26) 2,2-Dichloropropane	4.483	77	277273	107.840	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	194691	109.884	ug/l	96
28) Bromochloromethane	4.903	49	134932	110.861	ug/l	98
29) Tetrahydrofuran	5.019	42	497469	572.248	ug/l	91
30) Chloroform	5.105	83	341974	109.465	ug/l	98
31) Cyclohexane	5.477	56	281216	110.497	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	318095	113.608	ug/l	99
36) 1,1-Dichloropropene	5.696	75	246774	112.915	ug/l	99
37) Ethyl Acetate	4.727	43	293558	113.871	ug/l	95
38) Carbon Tetrachloride	5.684	117	281602	114.301	ug/l	97
39) Methylcyclohexane	7.385	83	300330	115.087	ug/l	98
40) Benzene	6.043	78	695086	111.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	159586	117.037	ug/l	92
42) 1,2-Dichloroethane	6.092	62	289872	110.774	ug/l	94
43) Isopropyl Acetate	6.348	43	466200	114.917	ug/l	93
44) Trichloroethene	7.129	130	191055	109.001	ug/l	99
45) 1,2-Dichloropropane	7.434	63	183166	111.235	ug/l	95
46) Dibromomethane	7.586	93	134848	111.679	ug/l	98
47) Bromodichloromethane	7.830	83	260923	116.258	ug/l	99
48) Methyl methacrylate	7.702	41	232868	114.698	ug/l	87
49) 1,4-Dioxane	7.665	88	96774	2235.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1533858	589.539	ug/l	92
52) Toluene	8.726	92	461129	112.645	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	303241	119.407	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	308823	117.939	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	193671	111.216	ug/l	99
56) Ethyl methacrylate	9.122	69	316628	121.167	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	318121	111.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	764720	596.176	ug/l	97
59) 2-Hexanone	9.439	43	1221340	600.383	ug/l	89
60) Dibromochloromethane	9.525	129	213608	121.859	ug/l	99
61) 1,2-Dibromoethane	9.616	107	212095	113.727	ug/l	99
64) Tetrachloroethene	9.281	164	168075	97.589	ug/l	97
65) Chlorobenzene	10.085	112	507261	108.483	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	196258	113.371	ug/l	99
67) Ethyl Benzene	10.195	91	926401	112.935	ug/l	100
68) m/p-Xylenes	10.305	106	726340	231.242	ug/l	100
69) o-Xylene	10.646	106	360088	115.192	ug/l	99
70) Styrene	10.659	104	611212	120.346	ug/l	98
71) Bromoform	10.805	173	165359	127.633	ug/l #	99
73) Isopropylbenzene	10.963	105	945201	102.386	ug/l	100
74) N-amyl acetate	10.848	43	436596	111.946	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	320756	105.673	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	293129m	102.260	ug/l	
77) Bromobenzene	11.201	156	237009	102.485	ug/l	96
78) n-propylbenzene	11.311	91	1118859	107.124	ug/l	99
79) 2-Chlorotoluene	11.366	91	674207	104.278	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	837392	107.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	113071	116.348	ug/l	97
82) 4-Chlorotoluene	11.457	91	795120	107.479	ug/l	100
83) tert-Butylbenzene	11.719	119	828821	109.434	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	831959	108.267	ug/l	100
85) sec-Butylbenzene	11.896	105	1039019	110.137	ug/l	100
86) p-Isopropyltoluene	12.012	119	887332	111.706	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	456134	108.862	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	458434	106.833	ug/l	98
89) n-Butylbenzene	12.335	91	793872	115.075	ug/l	99
90) Hexachloroethane	12.542	117	148492	116.335	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	443041	107.371	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	84046	119.336	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	301922	123.194	ug/l	98
94) Hexachlorobutadiene	13.725	225	132695	108.625	ug/l	100
95) Naphthalene	13.780	128	1035654	130.531	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	302338	122.340	ug/l	99

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

