

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024427.D
 Acq On : 22 Sep 2021 10:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:36:49 AM

Quant Time: Sep 22 14:14:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	197171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	268983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	127102	45.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.420%
35) Dibromofluoromethane	5.391	113	102920	49.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.653	98	375915	49.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.880%
62) 4-Bromofluorobenzene	11.085	95	154866	52.863	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	90320	47.654	ug/l	99
3) Chloromethane	1.294	50	88065	44.494	ug/l	98
4) Vinyl Chloride	1.380	62	87324	44.332	ug/l	99
5) Bromomethane	1.599	94	50509	43.073	ug/l	98
6) Chloroethane	1.679	64	53083	40.799	ug/l	98
7) Trichlorofluoromethane	1.880	101	143515	43.434	ug/l	96
8) Diethyl Ether	2.142	74	48568	42.479	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	100258	51.649	ug/l	96
10) Methyl Iodide	2.453	142	133151	49.581	ug/l	93
11) Tert butyl alcohol	2.983	59	121592	200.754	ug/l	97
12) 1,1-Dichloroethene	2.319	96	90017	49.515	ug/l	94
13) Acrolein	2.239	56	40667	219.457	ug/l	97
14) Allyl chloride	2.666	41	167686	50.753	ug/l	95
15) Acrylonitrile	3.075	53	288907	251.226	ug/l	99
16) Acetone	2.392	43	330815	275.945	ug/l	93
17) Carbon Disulfide	2.514	76	199189	43.720	ug/l	100
18) Methyl Acetate	2.709	43	185171	49.267	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	347826	52.060	ug/l	99
20) Methylene Chloride	2.794	84	108166	46.985	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	99402	49.944	ug/l	94
22) Diisopropyl ether	3.770	45	349138	53.803	ug/l	98
23) Vinyl Acetate	3.727	43	1377240	261.388	ug/l	94
24) 1,1-Dichloroethane	3.611	63	194046	50.960	ug/l	98
25) 2-Butanone	4.568	43	444568	251.772	ug/l	92
26) 2,2-Dichloropropane	4.483	77	174428	52.300	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	119686	52.070	ug/l	96
28) Bromochloromethane	4.904	49	65259	42.062	ug/l	97
29) Tetrahydrofuran	5.019	42	268825	243.236	ug/l	90
30) Chloroform	5.099	83	207018	51.125	ug/l	100
31) Cyclohexane	5.471	56	164983	50.166	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	186714	51.521	ug/l	99
36) 1,1-Dichloropropene	5.696	75	147020	51.898	ug/l	99
37) Ethyl Acetate	4.727	43	158800	48.108	ug/l	95
38) Carbon Tetrachloride	5.684	117	160697	50.399	ug/l	99
39) Methylcyclohexane	7.385	83	178474	52.768	ug/l	97
40) Benzene	6.044	78	427459	52.610	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	89204	50.675	ug/l	94
42) 1,2-Dichloroethane	6.092	62	168308	49.676	ug/l	96
43) Isopropyl Acetate	6.348	43	259444	49.375	ug/l	94
44) Trichloroethene	7.129	130	118717	52.003	ug/l	98
45) 1,2-Dichloropropane	7.434	63	114402	53.347	ug/l	96
46) Dibromomethane	7.586	93	79587	50.701	ug/l	99
47) Bromodichloromethane	7.824	83	154927	53.078	ug/l	98
48) Methyl methacrylate	7.696	41	130183	49.655	ug/l	91
49) 1,4-Dioxane	7.665	88	51675	941.319	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	848895	253.527	ug/l	93
52) Toluene	8.720	92	282463	53.042	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	180111	54.412	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	188227	54.950	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	118778	52.373	ug/l	99
56) Ethyl methacrylate	9.122	69	185627	49.059	ug/l	90
57) 1,3-Dichloropropane	9.311	76	193181	52.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	400653	244.114	ug/l	99
59) 2-Hexanone	9.433	43	668023	256.044	ug/l	89
60) Dibromochloromethane	9.525	129	123659	48.145	ug/l	99
61) 1,2-Dibromoethane	9.616	107	125206	51.812	ug/l	100
64) Tetrachloroethene	9.275	164	120860	58.000	ug/l	94
65) Chlorobenzene	10.079	112	302530	54.669	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	117524	57.303	ug/l	98
67) Ethyl Benzene	10.195	91	568366	58.713	ug/l	98
68) m/p-Xylenes	10.305	106	448681	121.064	ug/l	99
69) o-Xylene	10.646	106	220500	59.602	ug/l	99
70) Styrene	10.659	104	373067	62.162	ug/l	99
71) Bromoform	10.805	173	92505	53.963	ug/l	100
73) Isopropylbenzene	10.963	105	582248	56.351	ug/l	99
74) N-amyl acetate	10.848	43	241829	55.598	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	182850	54.701	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	168266m	52.741	ug/l	
77) Bromobenzene	11.201	156	146129	56.273	ug/l	95
78) n-propylbenzene	11.305	91	680767	58.323	ug/l	98
79) 2-Chlorotoluene	11.366	91	416601	57.459	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	504873	57.968	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	58836	54.236	ug/l	95
82) 4-Chlorotoluene	11.457	91	478626	58.020	ug/l	99
83) tert-Butylbenzene	11.719	119	495007	58.886	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	502157	58.612	ug/l	99
85) sec-Butylbenzene	11.896	105	622846	59.137	ug/l	100
86) p-Isopropyltoluene	12.012	119	493280	55.796	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	265780	57.140	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	249976	52.651	ug/l	98
89) n-Butylbenzene	12.335	91	472648	61.788	ug/l	98
90) Hexachloroethane	12.542	117	84104	59.046	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	263992	57.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38300	49.942	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	164141	61.039	ug/l	99
94) Hexachlorobutadiene	13.731	225	78441	58.414	ug/l	100
95) Naphthalene	13.780	128	530762	53.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	164654	60.746	ug/l	98

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

