

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090921\
 Data File : VX024138.D
 Acq On : 09 Sep 2021 12:24
 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
 9/10/2021 12:45:40 PM

Quant Time: Sep 10 07:28:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	168012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	256061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107206	45.718	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.440%
35) Dibromofluoromethane	5.391	113	82532	48.697	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.653	98	294082	45.590	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.180%#
62) 4-Bromofluorobenzene	11.085	95	122882	51.748	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	97022	54.733	ug/l	98
3) Chloromethane	1.294	50	88998	45.735	ug/l	100
4) Vinyl Chloride	1.374	62	89761	47.296	ug/l	99
5) Bromomethane	1.599	94	56136	47.045	ug/l	98
6) Chloroethane	1.679	64	58314	41.552	ug/l	98
7) Trichlorofluoromethane	1.886	101	154492	51.548	ug/l	99
8) Diethyl Ether	2.142	74	50528	48.277	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	87917	52.131	ug/l	95
10) Methyl Iodide	2.453	142	113522	48.344	ug/l	91
11) Tert butyl alcohol	2.983	59	118496	249.878	ug/l	99
12) 1,1-Dichloroethene	2.319	96	81624	50.622	ug/l	95
13) Acrolein	2.239	56	56195	199.133	ug/l	97
14) Allyl chloride	2.666	41	145068	48.819	ug/l	89
15) Acrylonitrile	3.075	53	248944	235.608	ug/l	98
16) Acetone	2.392	43	294001	280.408	ug/l	89
17) Carbon Disulfide	2.514	76	198820	51.700	ug/l	99
18) Methyl Acetate	2.709	43	155791	59.521	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	299757	53.415	ug/l	99
20) Methylene Chloride	2.794	84	96729	48.298	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	89957	52.232	ug/l	92
22) Diisopropyl ether	3.770	45	300724	50.812	ug/l	95
23) Vinyl Acetate	3.733	43	1291946	269.852	ug/l	95
24) 1,1-Dichloroethane	3.611	63	167856	50.962	ug/l	97
25) 2-Butanone	4.568	43	392309	247.036	ug/l	93
26) 2,2-Dichloropropane	4.483	77	155966	57.694	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	105682	51.569	ug/l	95
28) Bromochloromethane	4.904	49	66938	44.696	ug/l	97
29) Tetrahydrofuran	5.019	42	239618	232.946	ug/l	90
30) Chloroform	5.105	83	182809	52.417	ug/l	96
31) Cyclohexane	5.477	56	152726	50.695	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	167889	56.219	ug/l	98
36) 1,1-Dichloropropene	5.702	75	134131	56.564	ug/l	99
37) Ethyl Acetate	4.727	43	142091	48.747	ug/l	94
38) Carbon Tetrachloride	5.684	117	149573	60.489	ug/l	98
39) Methylcyclohexane	7.385	83	168330	58.300	ug/l	97
40) Benzene	6.044	78	378885	54.035	ug/l	100

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41) Methacrylonitrile	4.934	41	78730	49.824	ug/l	92
42) 1,2-Dichloroethane	6.092	62	159259	57.790	ug/l	94
43) Isopropyl Acetate	6.348	43	233565	51.227	ug/l	93
44) Trichloroethene	7.129	130	107206	55.347	ug/l	98
45) 1,2-Dichloropropane	7.434	63	100205	53.817	ug/l	96
46) Dibromomethane	7.586	93	71764	55.385	ug/l	98
47) Bromodichloromethane	7.830	83	140606	59.984	ug/l	98
48) Methyl methacrylate	7.696	41	143779	64.643	ug/l	86
49) 1,4-Dioxane	7.665	88	45905	976.547	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	768035	260.591	ug/l	91
52) Toluene	8.720	92	255038	56.131	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	159497	52.564	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	164106	57.777	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	103593	55.380	ug/l	97
56) Ethyl methacrylate	9.122	69	129039	40.518	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	172137	55.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	378843	251.509	ug/l	98
59) 2-Hexanone	9.433	43	613326	270.724	ug/l	87
60) Dibromochloromethane	9.525	129	114372	55.180	ug/l	99
61) 1,2-Dibromoethane	9.610	107	114175	57.777	ug/l	98
64) Tetrachloroethene	9.275	164	110175	56.198	ug/l	94
65) Chlorobenzene	10.079	112	287616	56.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	107613	59.031	ug/l	99
67) Ethyl Benzene	10.195	91	514446	57.517	ug/l	99
68) m/p-Xylenes	10.305	106	394481	115.792	ug/l	100
69) o-Xylene	10.646	106	187059	55.874	ug/l	99
70) Styrene	10.659	104	288917	52.972	ug/l	96
71) Bromoform	10.805	173	83697	56.251	ug/l #	100
73) Isopropylbenzene	10.963	105	523443	54.648	ug/l	100
74) N-amyl acetate	10.848	43	211738	48.915	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	157991	50.330	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	151580m	51.744	ug/l	
77) Bromobenzene	11.201	156	128265	54.369	ug/l	96
78) n-propylbenzene	11.305	91	596761	54.471	ug/l	99
79) 2-Chlorotoluene	11.366	91	357565	53.999	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	444399	56.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	52887	53.106	ug/l	92
82) 4-Chlorotoluene	11.457	91	416385	55.399	ug/l	100
83) tert-Butylbenzene	11.719	119	426259	55.757	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	448692	57.169	ug/l	99
85) sec-Butylbenzene	11.896	105	514988	53.207	ug/l	99
86) p-Isopropyltoluene	12.012	119	473767	59.474	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	229645	53.803	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	226925	53.306	ug/l	99
89) n-Butylbenzene	12.335	91	417496	58.698	ug/l	97
90) Hexachloroethane	12.542	117	75074	53.946	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	219069	52.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35384	48.157	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	144654	58.125	ug/l	99
94) Hexachlorobutadiene	13.725	225	67733	61.063	ug/l	98
95) Naphthalene	13.780	128	462913	50.387	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146441	59.083	ug/l	99

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

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