

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024175.D
 Acq On : 10 Sep 2021 18:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2021 7:33:44 PM

Quant Time: Sep 11 04:27:01 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	179619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	287801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	119281	47.581	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.391	113	93387	49.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.060%
50) Toluene-d8	8.653	98	326910	45.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.180%#
62) 4-Bromofluorobenzene	11.085	95	140135	52.506	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	104784	55.292	ug/l	99
3) Chloromethane	1.294	50	106057	50.980	ug/l	99
4) Vinyl Chloride	1.374	62	102467	50.502	ug/l	99
5) Bromomethane	1.599	94	53570	41.994	ug/l	100
6) Chloroethane	1.678	64	65067	43.522	ug/l	97
7) Trichlorofluoromethane	1.880	101	164055	51.201	ug/l	96
8) Diethyl Ether	2.142	74	59602	53.267	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	92050	51.055	ug/l	96
10) Methyl Iodide	2.453	142	129985	51.778	ug/l	93
11) Tert butyl alcohol	2.983	59	147509	290.958	ug/l	99
12) 1,1-Dichloroethene	2.319	96	91898	53.311	ug/l	94
13) Acrolein	2.245	56	67960	225.261	ug/l	97
14) Allyl chloride	2.666	41	160056	50.383	ug/l	92
15) Acrylonitrile	3.075	53	288550	255.445	ug/l	97
16) Acetone	2.392	43	265689	237.030	ug/l	91
17) Carbon Disulfide	2.514	76	207658	50.509	ug/l	98
18) Methyl Acetate	2.715	43	194553	69.527	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	348507	58.089	ug/l	99
20) Methylene Chloride	2.794	84	108167	50.519	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	101770	55.272	ug/l	98
22) Diisopropyl ether	3.770	45	336569	53.194	ug/l	93
23) Vinyl Acetate	3.733	43	1390881	271.744	ug/l	95
24) 1,1-Dichloroethane	3.617	63	188447	53.516	ug/l	97
25) 2-Butanone	4.568	43	422180	248.666	ug/l	94
26) 2,2-Dichloropropane	4.483	77	149343	51.674	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	117092	53.444	ug/l	96
28) Bromochloromethane	4.910	49	74237	46.366	ug/l	99
29) Tetrahydrofuran	5.019	42	273835	249.008	ug/l	92
30) Chloroform	5.105	83	203138	54.483	ug/l	99
31) Cyclohexane	5.477	56	161395	50.111	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	184642	57.834	ug/l	100
36) 1,1-Dichloropropene	5.702	75	143643	53.895	ug/l	99
37) Ethyl Acetate	4.727	43	157210	47.986	ug/l	96
38) Carbon Tetrachloride	5.690	117	156363	56.261	ug/l	98
39) Methylcyclohexane	7.385	83	169267	52.160	ug/l	99
40) Benzene	6.050	78	422372	53.593	ug/l	98

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41) Methacrylonitrile	4.934	41	90183	50.778	ug/l	93
42) 1,2-Dichloroethane	6.098	62	173354	55.967	ug/l	95
43) Isopropyl Acetate	6.354	43	264520	51.618	ug/l	94
44) Trichloroethene	7.135	130	117737	54.080	ug/l	96
45) 1,2-Dichloropropane	7.440	63	110397	52.752	ug/l	98
46) Dibromomethane	7.586	93	79023	54.261	ug/l	98
47) Bromodichloromethane	7.830	83	151267	57.415	ug/l	100
48) Methyl methacrylate	7.702	41	161845	64.741	ug/l	88
49) 1,4-Dioxane	7.665	88	54522	1031.944	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	865830	261.374	ug/l	92
52) Toluene	8.726	92	281763	55.174	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	171185	50.290	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	177058	55.462	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	117069	55.682	ug/l	98
56) Ethyl methacrylate	9.122	69	147057	41.072	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	194146	55.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	416850	246.221	ug/l	99
59) 2-Hexanone	9.433	43	682657	268.096	ug/l	89
60) Dibromochloromethane	9.525	129	122757	52.770	ug/l	99
61) 1,2-Dibromoethane	9.616	107	125428	56.471	ug/l	100
64) Tetrachloroethene	9.275	164	114203	52.513	ug/l	93
65) Chlorobenzene	10.086	112	313028	55.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	118089	58.395	ug/l	100
67) Ethyl Benzene	10.195	91	564665	56.911	ug/l	100
68) m/p-Xylenes	10.305	106	424459	112.315	ug/l	98
69) o-Xylene	10.646	106	207807	55.955	ug/l	98
70) Styrene	10.659	104	321955	53.213	ug/l	96
71) Bromoform	10.805	173	88876	53.928	ug/l #	99
73) Isopropylbenzene	10.963	105	572067	53.778	ug/l	100
74) N-amyl acetate	10.848	43	241456	50.227	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	179165	51.392	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	168016m	51.645	ug/l	
77) Bromobenzene	11.201	156	144611	55.195	ug/l	96
78) n-propylbenzene	11.305	91	643046	52.852	ug/l	98
79) 2-Chlorotoluene	11.366	91	391615	53.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	493576	56.462	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	55115	49.833	ug/l	91
82) 4-Chlorotoluene	11.457	91	457977	54.867	ug/l	99
83) tert-Butylbenzene	11.719	119	473798	55.805	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	496317	56.941	ug/l	98
85) sec-Butylbenzene	11.896	105	551511	51.308	ug/l	100
86) p-Isopropyltoluene	12.012	119	512051	57.880	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	253501	53.479	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	251916	53.285	ug/l	99
89) n-Butylbenzene	12.335	91	441960	55.951	ug/l	98
90) Hexachloroethane	12.542	117	78631	50.960	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	243266	52.973	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39852	48.808	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	159051	57.547	ug/l	99
94) Hexachlorobutadiene	13.725	225	64297	52.194	ug/l	100
95) Naphthalene	13.780	128	545679	53.404	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	160012	58.131	ug/l	98

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

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