

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023776.D
 Acq On : 17 Aug 2021 20:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:56:17 PM

Quant Time: Aug 18 06:13:13 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	192448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	304995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121512	45.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.480%		
35) Dibromofluoromethane	5.397	113	91994	45.571	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.140%		
50) Toluene-d8	8.653	98	354227	46.104	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.200%		
62) 4-Bromofluorobenzene	11.085	95	133055	47.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	108668	53.519	ug/l	99
3) Chloromethane	1.294	50	115526	51.829	ug/l	100
4) Vinyl Chloride	1.374	62	112189	51.607	ug/l	98
5) Bromomethane	1.599	94	70915	51.885	ug/l	99
6) Chloroethane	1.679	64	72544	45.459	ug/l	100
7) Trichlorofluoromethane	1.886	101	181639	52.910	ug/l	96
8) Diethyl Ether	2.142	74	61862	51.601	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	101012	52.291	ug/l	96
10) Methyl Iodide	2.453	142	140619	52.280	ug/l	95
11) Tert butyl alcohol	2.983	59	137904	253.880	ug/l	98
12) 1,1-Dichloroethene	2.319	96	98366	53.259	ug/l	97
13) Acrolein	2.239	56	73308	226.790	ug/l	98
14) Allyl chloride	2.666	41	176301	51.797	ug/l	92
15) Acrylonitrile	3.075	53	318467	263.136	ug/l	98
16) Acetone	2.392	43	287913	239.734	ug/l	91
17) Carbon Disulfide	2.514	76	232250	52.724	ug/l	100
18) Methyl Acetate	2.715	43	153497	51.198	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	341578	53.139	ug/l	99
20) Methylene Chloride	2.794	84	113702	49.565	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	103852	52.643	ug/l	98
22) Diisopropyl ether	3.770	45	357362	52.715	ug/l	91
23) Vinyl Acetate	3.733	43	1475551	269.069	ug/l	94
24) 1,1-Dichloroethane	3.617	63	194744	51.618	ug/l	99
25) 2-Butanone	4.568	43	471831	259.385	ug/l	90
26) 2,2-Dichloropropane	4.483	77	138781	44.818	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	121694	51.842	ug/l	98
28) Bromochloromethane	4.910	49	84899	49.491	ug/l	93
29) Tetrahydrofuran	5.019	42	308807	262.090	ug/l	89
30) Chloroform	5.105	83	205627	51.474	ug/l	100
31) Cyclohexane	5.483	56	180130	52.200	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	181746	53.132	ug/l	97
36) 1,1-Dichloropropene	5.702	75	152035	53.828	ug/l	98
37) Ethyl Acetate	4.727	43	178320	51.361	ug/l #	95
38) Carbon Tetrachloride	5.684	117	159511	54.158	ug/l	99
39) Methylcyclohexane	7.385	83	184611	53.681	ug/l	98
40) Benzene	6.050	78	438735	52.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	97706	51.912	ug/l	91
42) 1,2-Dichloroethane	6.098	62	175209	53.377	ug/l	94
43) Isopropyl Acetate	6.355	43	290071	53.413	ug/l	92
44) Trichloroethene	7.135	130	118298	51.275	ug/l	96
45) 1,2-Dichloropropane	7.440	63	116268	52.426	ug/l	94
46) Dibromomethane	7.586	93	82571	53.501	ug/l	97
47) Bromodichloromethane	7.830	83	152271	54.538	ug/l	98
48) Methyl methacrylate	7.702	41	144241	54.446	ug/l	85
49) 1,4-Dioxane	7.665	88	58980	1053.388	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	966625	275.352	ug/l	90
52) Toluene	8.726	92	287712	53.163	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	172647	47.963	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	182161	53.844	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	120723	54.183	ug/l	97
56) Ethyl methacrylate	9.122	69	192837	50.642	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	200128	54.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	461282	257.106	ug/l	96
59) 2-Hexanone	9.433	43	752934	279.025	ug/l	87
60) Dibromochloromethane	9.525	129	122091	49.628	ug/l	99
61) 1,2-Dibromoethane	9.616	107	129364	54.960	ug/l	100
64) Tetrachloroethene	9.275	164	107712	46.176	ug/l	95
65) Chlorobenzene	10.086	112	317507	52.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	118174	54.482	ug/l	98
67) Ethyl Benzene	10.195	91	568325	53.402	ug/l	99
68) m/p-Xylenes	10.305	106	437581	107.950	ug/l	99
69) o-Xylene	10.646	106	215317	54.053	ug/l	100
70) Styrene	10.659	104	361472	55.701	ug/l	98
71) Bromoform	10.805	173	86824	49.289	ug/l #	99
73) Isopropylbenzene	10.963	105	569653	53.597	ug/l	100
74) N-amyl acetate	10.848	43	262729	54.700	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182792	52.478	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	170272m	52.384	ug/l	
77) Bromobenzene	11.201	156	137772	52.630	ug/l	97
78) n-propylbenzene	11.305	91	657042	54.050	ug/l	100
79) 2-Chlorotoluene	11.366	91	395904	53.883	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	477665	54.689	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	56848	51.445	ug/l	90
82) 4-Chlorotoluene	11.457	91	450591	54.029	ug/l	100
83) tert-Butylbenzene	11.719	119	468011	55.171	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	476404	54.704	ug/l	100
85) sec-Butylbenzene	11.896	105	591953	55.118	ug/l	100
86) p-Isopropyltoluene	12.012	119	490966	55.545	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	248259	52.418	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	247507	52.398	ug/l	99
89) n-Butylbenzene	12.335	91	430611	54.562	ug/l	97
90) Hexachloroethane	12.542	117	78183	50.721	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	239567	52.213	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38999	47.849	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	147380	53.371	ug/l	99
94) Hexachlorobutadiene	13.725	225	62282	50.602	ug/l	97
95) Naphthalene	13.780	128	513693	50.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151674	55.150	ug/l	99

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

