

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024425.D
 Acq On : 22 Sep 2021 07:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:57 AM

Quant Time: Sep 22 08:36:03 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	165646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96225	40.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.480%		
35) Dibromofluoromethane	5.397	113	82567	53.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.000%		
50) Toluene-d8	8.653	98	259394	46.135	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.260%		
62) 4-Bromofluorobenzene	11.085	95	106199	48.535	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	74714	46.922	ug/l	100
3) Chloromethane	1.294	50	81430	48.972	ug/l	98
4) Vinyl Chloride	1.380	62	81416	49.199	ug/l	100
5) Bromomethane	1.599	94	45965	46.657	ug/l	99
6) Chloroethane	1.679	64	44021	40.273	ug/l	99
7) Trichlorofluoromethane	1.886	101	118933	42.844	ug/l	97
8) Diethyl Ether	2.142	74	42796	44.554	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	81343	49.880	ug/l	97
10) Methyl Iodide	2.453	142	110838	49.127	ug/l	92
11) Tert butyl alcohol	2.983	59	115338	229.647	ug/l	98
12) 1,1-Dichloroethene	2.319	96	77955	51.041	ug/l	90
13) Acrolein	2.246	56	31889	204.838	ug/l	96
14) Allyl chloride	2.666	41	138828	50.016	ug/l	95
15) Acrylonitrile	3.075	53	263424	272.662	ug/l	98
16) Acetone	2.392	43	239474	237.770	ug/l	90
17) Carbon Disulfide	2.514	76	174396	45.564	ug/l	100
18) Methyl Acetate	2.715	43	177936	56.351	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	300607	53.555	ug/l	99
20) Methylene Chloride	2.794	84	95718	49.491	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	86600	51.792	ug/l	99
22) Diisopropyl ether	3.770	45	306500	56.221	ug/l	92
23) Vinyl Acetate	3.733	43	1187901	268.360	ug/l	95
24) 1,1-Dichloroethane	3.617	63	169105	52.862	ug/l	97
25) 2-Butanone	4.568	43	383812	258.732	ug/l	91
26) 2,2-Dichloropropane	4.489	77	84095	30.013	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	103437	53.566	ug/l	98
28) Bromochloromethane	4.910	49	70162	53.828	ug/l	96
29) Tetrahydrofuran	5.019	42	251895	271.293	ug/l	90
30) Chloroform	5.105	83	182816	53.740	ug/l	99
31) Cyclohexane	5.477	56	141094	51.067	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	162458	53.359	ug/l	100
36) 1,1-Dichloropropene	5.702	75	123492	58.365	ug/l	100
37) Ethyl Acetate	4.727	43	142718	57.887	ug/l	96
38) Carbon Tetrachloride	5.690	117	141476	59.407	ug/l	99
39) Methylcyclohexane	7.385	83	122399	48.452	ug/l	96
40) Benzene	6.050	78	307243	50.629	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	82076	62.425	ug/l	93
42) 1,2-Dichloroethane	6.098	62	135999	53.743	ug/l	94
43) Isopropyl Acetate	6.348	43	202002	51.471	ug/l	92
44) Trichloroethene	7.135	130	86655	50.822	ug/l	98
45) 1,2-Dichloropropane	7.440	63	82683	51.622	ug/l	97
46) Dibromomethane	7.586	93	60806	51.863	ug/l	98
47) Bromodichloromethane	7.830	83	117884	54.073	ug/l	99
48) Methyl methacrylate	7.702	41	103224	52.714	ug/l	85
49) 1,4-Dioxane	7.665	88	42290	1031.415	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	686417	274.472	ug/l	90
52) Toluene	8.726	92	206830	52.001	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	119523	48.345	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	124713	48.745	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	89808	53.018	ug/l	98
56) Ethyl methacrylate	9.122	69	137534	48.677	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	144505	52.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	318360	259.706	ug/l	98
59) 2-Hexanone	9.433	43	550474	282.487	ug/l	87
60) Dibromochloromethane	9.525	129	94986	49.465	ug/l	100
61) 1,2-Dibromoethane	9.616	107	94464	52.337	ug/l	99
64) Tetrachloroethene	9.281	164	92075	53.002	ug/l	97
65) Chlorobenzene	10.086	112	231149	50.104	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	89968	52.619	ug/l	99
67) Ethyl Benzene	10.195	91	416202	51.572	ug/l	99
68) m/p-Xylenes	10.305	106	328278	106.248	ug/l	99
69) o-Xylene	10.646	106	160634	52.083	ug/l	97
70) Styrene	10.659	104	275079	54.979	ug/l	97
71) Bromoform	10.805	173	70300	49.291	ug/l #	99
73) Isopropylbenzene	10.963	105	430742	48.212	ug/l	100
74) N-amyl acetate	10.848	43	189660	50.428	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	140841	48.728	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	129998m	47.123	ug/l	
77) Bromobenzene	11.201	156	108946	48.520	ug/l	95
78) n-propylbenzene	11.305	91	493606	48.906	ug/l	100
79) 2-Chlorotoluene	11.366	91	308700	49.241	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	375670	49.884	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	36630	39.051	ug/l #	86
82) 4-Chlorotoluene	11.457	91	355950	49.902	ug/l	100
83) tert-Butylbenzene	11.719	119	361962	49.798	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	375631	50.706	ug/l	99
85) sec-Butylbenzene	11.896	105	459347	50.439	ug/l	100
86) p-Isopropyltoluene	12.012	119	387786	50.728	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	201044	49.987	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	202955	49.437	ug/l	99
89) n-Butylbenzene	12.335	91	343850	51.985	ug/l	97
90) Hexachloroethane	12.542	117	68780	55.845	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	209864	53.187	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34343	51.791	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	129493	55.690	ug/l	98
94) Hexachlorobutadiene	13.725	225	57821	49.797	ug/l	99
95) Naphthalene	13.780	128	448464	52.245	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133334	56.889	ug/l	99

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

