

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024377.D
 Acq On : 21 Sep 2021 03:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:40:30 PM

Quant Time: Sep 22 08:54:00 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	186024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302332	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132883	50.095	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.180%			
35) Dibromofluoromethane	5.397	113	103385	50.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.653	98	321630	43.544	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 87.080%#			
62) 4-Bromofluorobenzene	11.085	95	156804	54.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	84605	47.313	ug/l	98
3) Chloromethane	1.295	50	87691	46.960	ug/l	100
4) Vinyl Chloride	1.380	62	85597	46.059	ug/l	96
5) Bromomethane	1.599	94	51707	46.736	ug/l	99
6) Chloroethane	1.685	64	48717	39.687	ug/l	98
7) Trichlorofluoromethane	1.886	101	132891	42.628	ug/l	100
8) Diethyl Ether	2.142	74	45489	42.170	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	90084	49.189	ug/l	97
10) Methyl Iodide	2.453	142	113355	44.739	ug/l	94
11) Tert butyl alcohol	2.983	59	134968	240.262	ug/l	100
12) 1,1-Dichloroethene	2.319	96	87477	51.001	ug/l	95
13) Acrolein	2.246	56	41576	237.806	ug/l	97
14) Allyl chloride	2.666	41	157331	50.472	ug/l	94
15) Acrylonitrile	3.075	53	287314	264.812	ug/l	98
16) Acetone	2.392	43	257521	227.679	ug/l	93
17) Carbon Disulfide	2.514	76	207042	48.167	ug/l	99
18) Methyl Acetate	2.715	43	185378	52.277	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	327889	52.016	ug/l	99
20) Methylene Chloride	2.794	84	103841	47.810	ug/l	95
21) trans-1,2-Dichloroethene	3.099	96	97487	51.916	ug/l	95
22) Diisopropyl ether	3.776	45	335464	54.793	ug/l	93
23) Vinyl Acetate	3.733	43	1322083	265.955	ug/l	95
24) 1,1-Dichloroethane	3.617	63	184966	51.486	ug/l	97
25) 2-Butanone	4.568	43	416092	249.766	ug/l	93
26) 2,2-Dichloropropane	4.489	77	111093	35.306	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	114004	52.571	ug/l	100
28) Bromochloromethane	4.910	49	67307	45.981	ug/l	97
29) Tetrahydrofuran	5.019	42	273420	262.218	ug/l	90
30) Chloroform	5.105	83	199855	52.313	ug/l	98
31) Cyclohexane	5.483	56	159177	51.301	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	178851	52.308	ug/l	100
36) 1,1-Dichloropropene	5.702	75	142067	51.110	ug/l	99
37) Ethyl Acetate	4.733	43	160210	49.464	ug/l	95
38) Carbon Tetrachloride	5.684	117	156435	50.002	ug/l	98
39) Methylcyclohexane	7.385	83	138337	41.685	ug/l	95
40) Benzene	6.050	78	409376	51.349	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	90621	52.466	ug/l	93
42) 1,2-Dichloroethane	6.099	62	164413	49.456	ug/l	95
43) Isopropyl Acetate	6.355	43	256635	49.776	ug/l	94
44) Trichloroethene	7.129	130	102450	45.737	ug/l	100
45) 1,2-Dichloropropane	7.434	63	91028	43.261	ug/l	98
46) Dibromomethane	7.586	93	71447	46.387	ug/l	97
47) Bromodichloromethane	7.830	83	140517	49.063	ug/l	98
48) Methyl methacrylate	7.702	41	115409	44.863	ug/l	85
49) 1,4-Dioxane	7.665	88	47289	877.923	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	744341	226.560	ug/l	90
52) Toluene	8.726	92	225986	43.250	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	136709	42.092	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	140394	41.771	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	95036	42.707	ug/l	98
56) Ethyl methacrylate	9.122	69	150146	40.681	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	158961	43.863	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	337299	209.450	ug/l	98
59) 2-Hexanone	9.433	43	622596	243.203	ug/l	88
60) Dibromochloromethane	9.525	129	109529	43.629	ug/l	100
61) 1,2-Dibromoethane	9.610	107	110815	46.735	ug/l	100
64) Tetrachloroethene	9.275	164	100159	44.500	ug/l	95
65) Chlorobenzene	10.086	112	300346	50.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	113767	51.355	ug/l	99
67) Ethyl Benzene	10.195	91	536968	51.354	ug/l	98
68) m/p-Xylenes	10.305	106	423550	105.804	ug/l	99
69) o-Xylene	10.647	106	205632	51.459	ug/l	100
70) Styrene	10.659	104	351380	54.204	ug/l	98
71) Bromoform	10.805	173	88676	48.018	ug/l	99
73) Isopropylbenzene	10.964	105	548221	47.915	ug/l	100
74) N-amyl acetate	10.848	43	237628	49.337	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	173664	46.917	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	163564m	46.298	ug/l	
77) Bromobenzene	11.201	156	138515	48.171	ug/l	95
78) n-propylbenzene	11.305	91	633909	49.044	ug/l	99
79) 2-Chlorotoluene	11.366	91	388852	48.434	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	472877	49.032	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	50495	42.036	ug/l	93
82) 4-Chlorotoluene	11.457	91	450682	49.337	ug/l	100
83) tert-Butylbenzene	11.719	119	454179	48.792	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	466541	49.177	ug/l	100
85) sec-Butylbenzene	11.896	105	583921	50.068	ug/l	100
86) p-Isopropyltoluene	12.012	119	486295	49.674	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	256470	49.794	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	254973	48.498	ug/l	98
89) n-Butylbenzene	12.335	91	422890	49.925	ug/l	98
90) Hexachloroethane	12.543	117	78525	49.786	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	242018	47.895	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	37355	43.988	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	129962	43.644	ug/l	98
94) Hexachlorobutadiene	13.725	225	60000	40.350	ug/l	99
95) Naphthalene	13.780	128	441377	40.449	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	140612	46.848	ug/l	99

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

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