

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024365.D
 Acq On : 20 Sep 2021 20:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 9/22/2021 7:40:24 PM

Quant Time: Sep 22 08:53:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	144845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	238811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	277341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108886	52.718	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.440%			
35) Dibromofluoromethane	5.397	113	80820	50.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.920%			
50) Toluene-d8	8.653	98	287967	49.356	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.720%			
62) 4-Bromofluorobenzene	11.085	95	139059	61.244	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	61698	44.312	ug/l	98
3) Chloromethane	1.294	50	73050	50.241	ug/l	100
4) Vinyl Chloride	1.380	62	65885	45.531	ug/l	100
5) Bromomethane	1.599	94	46425	53.892	ug/l	99
6) Chloroethane	1.679	64	44732	46.800	ug/l	94
7) Trichlorofluoromethane	1.886	101	102565	42.254	ug/l	97
8) Diethyl Ether	2.142	74	43395	51.666	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	67033	47.008	ug/l	95
10) Methyl Iodide	2.453	142	111734	56.637	ug/l	93
11) Tert butyl alcohol	2.983	59	129112	300.451	ug/l	98
12) 1,1-Dichloroethene	2.319	96	71905	53.840	ug/l	96
13) Acrolein	2.245	56	36035	264.710	ug/l	98
14) Allyl chloride	2.666	41	144954	59.722	ug/l	94
15) Acrylonitrile	3.075	53	273627	323.896	ug/l	98
16) Acetone	2.392	43	244049	277.111	ug/l	91
17) Carbon Disulfide	2.514	76	168894	50.463	ug/l	99
18) Methyl Acetate	2.715	43	177407	64.252	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	305951	62.335	ug/l	99
20) Methylene Chloride	2.794	84	97282	57.523	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	83486	57.100	ug/l	95
22) Diisopropyl ether	3.776	45	306671	64.331	ug/l	92
23) Vinyl Acetate	3.733	43	1240913	320.595	ug/l	95
24) 1,1-Dichloroethane	3.617	63	168244	60.146	ug/l	97
25) 2-Butanone	4.574	43	394000	303.742	ug/l	91
26) 2,2-Dichloropropane	4.489	77	124612	50.861	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	104211	61.716	ug/l	98
28) Bromochloromethane	4.910	49	58007	50.894	ug/l	95
29) Tetrahydrofuran	5.019	42	220663	271.786	ug/l	89
30) Chloroform	5.105	83	156522	52.618	ug/l	98
31) Cyclohexane	5.477	56	98950	40.957	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	133739	50.235	ug/l	97
36) 1,1-Dichloropropene	5.702	75	99073	45.123	ug/l	99
37) Ethyl Acetate	4.727	43	150564	58.851	ug/l	95
38) Carbon Tetrachloride	5.684	117	112337	45.458	ug/l	98
39) Methylcyclohexane	7.385	83	99561	37.980	ug/l	95
40) Benzene	6.044	78	309603	49.164	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	73025	53.524	ug/l	90
42) 1,2-Dichloroethane	6.092	62	137651	52.420	ug/l	93
43) Isopropyl Acetate	6.355	43	209982	51.561	ug/l	92
44) Trichloroethene	7.129	130	86158	48.695	ug/l	94
45) 1,2-Dichloropropane	7.440	63	81514	49.043	ug/l	95
46) Dibromomethane	7.586	93	62632	51.480	ug/l	98
47) Bromodichloromethane	7.830	83	118630	52.439	ug/l	99
48) Methyl methacrylate	7.696	41	106690	52.505	ug/l	85
49) 1,4-Dioxane	7.665	88	42423	997.074	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	711930	274.333	ug/l	90
52) Toluene	8.720	92	205927	49.893	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	130547	50.885	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	134068	50.498	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	90547	51.513	ug/l	99
56) Ethyl methacrylate	9.122	69	140447	47.924	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	147614	51.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	334817	263.210	ug/l	99
59) 2-Hexanone	9.433	43	567503	280.647	ug/l	87
60) Dibromochloromethane	9.525	129	94933	47.705	ug/l	99
61) 1,2-Dibromoethane	9.616	107	97611	52.116	ug/l	98
64) Tetrachloroethene	9.275	164	84152	39.167	ug/l	94
65) Chlorobenzene	10.086	112	273255	47.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	103695	49.036	ug/l	99
67) Ethyl Benzene	10.195	91	476740	47.763	ug/l	99
68) m/p-Xylenes	10.305	106	377291	98.733	ug/l	100
69) o-Xylene	10.646	106	188469	49.409	ug/l	100
70) Styrene	10.659	104	321914	52.022	ug/l	99
71) Bromoform	10.805	173	81929	46.512	ug/l #	98
73) Isopropylbenzene	10.963	105	477269	45.446	ug/l	99
74) N-amyl acetate	10.848	43	219512	49.653	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	162421	47.806	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	153490m	47.333	ug/l	
77) Bromobenzene	11.201	156	125343	47.490	ug/l	96
78) n-propylbenzene	11.305	91	545133	45.949	ug/l	99
79) 2-Chlorotoluene	11.366	91	349112	47.375	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	419579	47.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	51495	46.704	ug/l	93
82) 4-Chlorotoluene	11.457	91	402090	47.956	ug/l	100
83) tert-Butylbenzene	11.719	119	397794	46.558	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	417234	47.915	ug/l	99
85) sec-Butylbenzene	11.896	105	492871	46.042	ug/l	100
86) p-Isopropyltoluene	12.012	119	412027	45.854	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	227729	48.170	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	227766	47.199	ug/l	99
89) n-Butylbenzene	12.335	91	349097	44.901	ug/l	97
90) Hexachloroethane	12.542	117	68052	47.006	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	222465	47.965	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35374	45.383	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	130732	47.831	ug/l	98
94) Hexachlorobutadiene	13.725	225	54710	40.085	ug/l	98
95) Naphthalene	13.780	128	459204	45.677	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	134221	48.720	ug/l	99

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

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