

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024273.D
 Acq On : 15 Sep 2021 20:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:45 PM

Quant Time: Sep 22 07:41:31 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	174466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	286765	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126140	50.703	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.400%			
35) Dibromofluoromethane	5.397	113	93813	48.780	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.560%			
50) Toluene-d8	8.653	98	325227	46.421	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.840%			
62) 4-Bromofluorobenzene	11.085	95	140749	51.623	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	85429	50.939	ug/l	97
3) Chloromethane	1.294	50	80219	45.804	ug/l	97
4) Vinyl Chloride	1.374	62	80366	46.109	ug/l	98
5) Bromomethane	1.599	94	53697	51.750	ug/l	96
6) Chloroethane	1.679	64	50664	44.007	ug/l	99
7) Trichlorofluoromethane	1.886	101	135601	46.379	ug/l	98
8) Diethyl Ether	2.142	74	47571	47.022	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	88465	51.505	ug/l	97
10) Methyl Iodide	2.453	142	123208	51.849	ug/l	92
11) Tert butyl alcohol	2.983	59	134014	255.722	ug/l	100
12) 1,1-Dichloroethene	2.319	96	83073	51.642	ug/l	92
13) Acrolein	2.239	56	34513	210.485	ug/l	97
14) Allyl chloride	2.666	41	153452	52.489	ug/l	91
15) Acrylonitrile	3.075	53	269584	264.931	ug/l	97
16) Acetone	2.392	43	247457	233.275	ug/l	91
17) Carbon Disulfide	2.514	76	202065	50.124	ug/l	99
18) Methyl Acetate	2.715	43	177175	53.274	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	313285	52.992	ug/l	100
20) Methylene Chloride	2.794	84	100637	49.404	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	91128	51.745	ug/l	94
22) Diisopropyl ether	3.770	45	314308	54.739	ug/l	94
23) Vinyl Acetate	3.733	43	1282737	275.135	ug/l	95
24) 1,1-Dichloroethane	3.617	63	177687	52.737	ug/l	97
25) 2-Butanone	4.568	43	401290	256.838	ug/l	93
26) 2,2-Dichloropropane	4.483	77	131145	44.439	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	109749	53.961	ug/l	99
28) Bromochloromethane	4.910	49	71789	52.292	ug/l	95
29) Tetrahydrofuran	5.019	42	252994	258.702	ug/l	90
30) Chloroform	5.105	83	188568	52.629	ug/l	98
31) Cyclohexane	5.477	56	155623	53.478	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	172743	53.869	ug/l	99
36) 1,1-Dichloropropene	5.702	75	135696	51.468	ug/l	99
37) Ethyl Acetate	4.727	43	153372	49.924	ug/l	95
38) Carbon Tetrachloride	5.690	117	152097	51.255	ug/l	99
39) Methylcyclohexane	7.385	83	161743	51.383	ug/l	95
40) Benzene	6.050	78	392955	51.965	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	81940	50.015	ug/l	91
42) 1,2-Dichloroethane	6.092	62	162743	51.611	ug/l	94
43) Isopropyl Acetate	6.355	43	247314	50.572	ug/l	93
44) Trichloroethene	7.135	130	108319	50.982	ug/l	99
45) 1,2-Dichloropropane	7.440	63	104132	52.175	ug/l	94
46) Dibromomethane	7.586	93	75046	51.369	ug/l	97
47) Bromodichloromethane	7.830	83	142953	52.623	ug/l	100
48) Methyl methacrylate	7.702	41	125986	51.633	ug/l	88
49) 1,4-Dioxane	7.665	88	53615	1049.399	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	826495	265.222	ug/l	91
52) Toluene	8.726	92	233337	47.081	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	141813	46.033	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	165654	51.962	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	94130	44.596	ug/l	99
56) Ethyl methacrylate	9.122	69	151319	43.139	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	156870	45.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	420141	275.054	ug/l	97
59) 2-Hexanone	9.433	43	566263	233.205	ug/l	86
60) Dibromochloromethane	9.525	129	98330	41.387	ug/l	98
61) 1,2-Dibromoethane	9.616	107	103934	46.212	ug/l	97
64) Tetrachloroethene	9.275	164	100733	51.455	ug/l	94
65) Chlorobenzene	10.079	112	257669	49.561	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	97052	50.369	ug/l	100
67) Ethyl Benzene	10.195	91	471483	51.842	ug/l	99
68) m/p-Xylenes	10.305	106	374359	107.516	ug/l	100
69) o-Xylene	10.646	106	199209	57.315	ug/l	100
70) Styrene	10.659	104	333817	59.205	ug/l	97
71) Bromoform	10.805	173	83488	51.885	ug/l	100
73) Isopropylbenzene	10.963	105	525414	49.803	ug/l	99
74) N-amyl acetate	10.848	43	232264	52.299	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	170045	49.823	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	159263m	48.890	ug/l	
77) Bromobenzene	11.201	156	130385	49.176	ug/l	96
78) n-propylbenzene	11.305	91	604402	50.714	ug/l	99
79) 2-Chlorotoluene	11.366	91	372764	50.354	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	453588	51.007	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	53120	47.958	ug/l	92
82) 4-Chlorotoluene	11.457	91	425639	50.534	ug/l	100
83) tert-Butylbenzene	11.719	119	434914	50.672	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	453093	51.796	ug/l	99
85) sec-Butylbenzene	11.896	105	558343	51.921	ug/l	100
86) p-Isopropyltoluene	12.012	119	470471	52.120	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	240647	50.671	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	244422	50.420	ug/l	99
89) n-Butylbenzene	12.335	91	379233	48.555	ug/l	98
90) Hexachloroethane	12.542	117	66503	45.728	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	221085	47.450	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33997	43.418	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	121875	44.388	ug/l	98
94) Hexachlorobutadiene	13.731	225	56581	41.267	ug/l	97
95) Naphthalene	13.780	128	418636	41.571	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129139	46.662	ug/l	99

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

