

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101221\
 Data File : VX024756.D
 Acq On : 12 Oct 2021 10:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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apatel
 10/15/2021 1:14:30 PM

Quant Time: Oct 13 01:45:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	151447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105978	49.651	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.300%
35) Dibromofluoromethane	5.391	113	80288	52.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.640%
50) Toluene-d8	8.653	98	288686	51.118	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.240%
62) 4-Bromofluorobenzene	11.085	95	115865	52.180	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88419	58.021	ug/l	99
3) Chloromethane	1.294	50	69385	48.303	ug/l	99
4) Vinyl Chloride	1.374	62	74205	49.385	ug/l	100
5) Bromomethane	1.599	94	58604	57.949	ug/l	98
6) Chloroethane	1.685	64	46923	46.902	ug/l	99
7) Trichlorofluoromethane	1.886	101	130370	49.166	ug/l	98
8) Diethyl Ether	2.136	74	42548	47.142	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	75043	50.188	ug/l	97
10) Methyl Iodide	2.453	142	90796	43.398	ug/l	91
11) Tert butyl alcohol	2.977	59	91260	180.390	ug/l	98
12) 1,1-Dichloroethene	2.319	96	68273	49.178	ug/l	98
13) Acrolein	2.239	56	26613	231.315	ug/l	97
14) Allyl chloride	2.666	41	122596	48.302	ug/l	91
15) Acrylonitrile	3.068	53	217848	224.659	ug/l	98
16) Acetone	2.386	43	308699	346.701	ug/l	89
17) Carbon Disulfide	2.508	76	164069	45.865	ug/l	100
18) Methyl Acetate	2.709	43	150671	47.141	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	248364	47.470	ug/l	99
20) Methylene Chloride	2.788	84	79074	49.501	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	76847	48.747	ug/l	97
22) Diisopropyl ether	3.770	45	250216	48.251	ug/l	94
23) Vinyl Acetate	3.727	43	1037550	247.082	ug/l	95
24) 1,1-Dichloroethane	3.611	63	140368	48.752	ug/l	97
25) 2-Butanone	4.562	43	397512	270.423	ug/l	94
26) 2,2-Dichloropropane	4.483	77	130931	50.552	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	88611	48.091	ug/l	95
28) Bromochloromethane	4.897	49	57071	43.664	ug/l	96
29) Tetrahydrofuran	5.013	42	208430	222.529	ug/l	90
30) Chloroform	5.099	83	154235	48.504	ug/l	97
31) Cyclohexane	5.477	56	123523	48.329	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	141986	50.294	ug/l	99
36) 1,1-Dichloropropene	5.696	75	111512	50.361	ug/l	99
37) Ethyl Acetate	4.721	43	127660	46.178	ug/l	94
38) Carbon Tetrachloride	5.678	117	125469	52.056	ug/l	99
39) Methylcyclohexane	7.385	83	136262	52.557	ug/l	97
40) Benzene	6.044	78	320279	50.584	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	67713	47.430	ug/l	91
42) 1,2-Dichloroethane	6.092	62	135408	50.924	ug/l	94
43) Isopropyl Acetate	6.348	43	201830	48.023	ug/l	93
44) Trichloroethene	7.129	130	91132	52.313	ug/l	98
45) 1,2-Dichloropropane	7.434	63	83412	51.064	ug/l	98
46) Dibromomethane	7.586	93	59950	48.943	ug/l	99
47) Bromodichloromethane	7.824	83	118462	52.770	ug/l	98
48) Methyl methacrylate	7.696	41	113248	54.418	ug/l	86
49) 1,4-Dioxane	7.665	88	38665	811.157	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	748017	269.595	ug/l	90
52) Toluene	8.720	92	212880	52.049	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	133952	52.645	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	137324	53.079	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	88680	52.437	ug/l	99
56) Ethyl methacrylate	9.116	69	123456	45.865	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	145070	50.840	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	324860	244.502	ug/l	98
59) 2-Hexanone	9.433	43	608748	278.596	ug/l	88
60) Dibromochloromethane	9.525	129	92944	48.472	ug/l	99
61) 1,2-Dibromoethane	9.610	107	96687	52.077	ug/l	99
64) Tetrachloroethene	9.275	164	87521	57.133	ug/l	95
65) Chlorobenzene	10.079	112	236097	51.204	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	90045	52.399	ug/l	99
67) Ethyl Benzene	10.195	91	427683	52.398	ug/l	100
68) m/p-Xylenes	10.305	106	327305	104.573	ug/l	99
69) o-Xylene	10.646	106	156354	50.517	ug/l	99
70) Styrene	10.659	104	258285	49.906	ug/l	97
71) Bromoform	10.799	173	65994	44.343	ug/l #	97
73) Isopropylbenzene	10.963	105	429673	50.335	ug/l	99
74) N-amyl acetate	10.848	43	185639	47.280	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	139544	46.225	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	134958m	49.218	ug/l	
77) Bromobenzene	11.201	156	108267	49.290	ug/l	95
78) n-propylbenzene	11.305	91	501688	50.276	ug/l	99
79) 2-Chlorotoluene	11.366	91	295654	48.638	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	382325	52.429	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	45913	46.299	ug/l	92
82) 4-Chlorotoluene	11.457	91	356716	49.876	ug/l	100
83) tert-Butylbenzene	11.719	119	363054	49.660	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	386312	53.279	ug/l	99
85) sec-Butylbenzene	11.896	105	438736	48.780	ug/l	100
86) p-Isopropyltoluene	12.012	119	408746	53.295	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	199835	47.772	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	201404	46.609	ug/l	98
89) n-Butylbenzene	12.335	91	364890	53.731	ug/l	98
90) Hexachloroethane	12.542	117	62653	49.679	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	195451	47.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33850	46.440	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	131402	49.907	ug/l	99
94) Hexachlorobutadiene	13.725	225	61101	50.730	ug/l	99
95) Naphthalene	13.780	128	434337	51.539	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	133286	49.402	ug/l	98

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

