

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080924\
 Data File : VX042986.D
 Acq On : 09 Aug 2024 11:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/10/2024
 Supervised By :Mahesh Dadoda 08/12/2024

Quant Time: Aug 09 16:26:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	230041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	373855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176162	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164822	52.192	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.380%			
35) Dibromofluoromethane	5.385	113	128550	52.589	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.180%			
50) Toluene-d8	8.647	98	462867	53.339	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.680%			
62) 4-Bromofluorobenzene	11.079	95	173429	55.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129041	52.042	ug/l	98
3) Chloromethane	1.301	50	138144	51.133	ug/l	96
4) Vinyl Chloride	1.374	62	131586	51.334	ug/l	99
5) Bromomethane	1.599	94	85109	54.861	ug/l	100
6) Chloroethane	1.660	64	70963	48.594	ug/l	100
7) Trichlorofluoromethane	1.868	101	214541	53.817	ug/l	97
8) Diethyl Ether	2.136	74	71117	48.501	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	127357	50.813	ug/l	97
10) Methyl Iodide	2.441	142	147771	57.019	ug/l	93
11) Tert butyl alcohol	2.995	59	161906	257.752	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	119829	47.260	ug/l	95
13) Acrolein	2.239	56	168012	271.355	ug/l	99
14) Allyl chloride	2.660	41	203785	53.190	ug/l	94
15) Acrylonitrile	3.069	53	418167	260.825	ug/l	98
16) Acetone	2.392	43	382322	279.117	ug/l	95
17) Carbon Disulfide	2.502	76	290868	47.141	ug/l	99
18) Methyl Acetate	2.709	43	212346	48.886	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	428700	50.233	ug/l	100
20) Methylene Chloride	2.782	84	144697	51.103	ug/l	93
21) trans-1,2-Dichloroethene	3.081	96	125835	49.328	ug/l	93
22) Diisopropyl ether	3.764	45	433683	51.527	ug/l	95
23) Vinyl Acetate	3.721	43	2575294	269.596	ug/l	99
24) 1,1-Dichloroethane	3.605	63	244741	50.560	ug/l	99
25) 2-Butanone	4.562	43	576004	267.772	ug/l	97
26) 2,2-Dichloropropane	4.471	77	197157	66.253	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	152642	50.456	ug/l	95
28) Bromochloromethane	4.898	49	92813	49.970	ug/l	93
29) Tetrahydrofuran	5.007	42	366453	252.105	ug/l	96
30) Chloroform	5.093	83	254057	50.135	ug/l	99
31) Cyclohexane	5.465	56	202002	51.121	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	221028	49.547	ug/l	98
36) 1,1-Dichloropropene	5.690	75	166253	50.164	ug/l	97
37) Ethyl Acetate	4.715	43	215068	51.866	ug/l	99
38) Carbon Tetrachloride	5.672	117	186726	49.911	ug/l	99
39) Methylcyclohexane	7.379	83	217802	55.283	ug/l	96
40) Benzene	6.031	78	531784	51.701	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	114123	53.435	ug/l	93
42) 1,2-Dichloroethane	6.086	62	199737	53.387	ug/l	99
43) Isopropyl Acetate	6.342	43	336749	54.912	ug/l	100
44) Trichloroethene	7.123	130	132929	51.433	ug/l	94
45) 1,2-Dichloropropane	7.428	63	134340	51.487	ug/l	99
46) Dibromomethane	7.580	93	100472	52.429	ug/l	94
47) Bromodichloromethane	7.818	83	189505	53.233	ug/l	99
48) Methyl methacrylate	7.696	41	164404	55.909	ug/l	93
49) 1,4-Dioxane	7.665	88	69618	1066.512	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1132209	275.626	ug/l	98
52) Toluene	8.720	92	333403	53.437	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	191203	58.102	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	202619	55.752	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	136375	53.767	ug/l	93
56) Ethyl methacrylate	9.116	69	226008	55.374	ug/l	96
57) 1,3-Dichloropropane	9.305	76	221289	53.258	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	525562	273.208	ug/l	98
59) 2-Hexanone	9.433	43	888326	279.086	ug/l	98
60) Dibromochloromethane	9.519	129	147724	53.018	ug/l	99
61) 1,2-Dibromoethane	9.610	107	140219	52.324	ug/l	98
64) Tetrachloroethene	9.269	164	117759	49.175	ug/l	99
65) Chlorobenzene	10.080	112	368872	50.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	128729	51.082	ug/l	99
67) Ethyl Benzene	10.195	91	645812	52.533	ug/l	100
68) m/p-Xylenes	10.299	106	501707	106.904	ug/l	98
69) o-Xylene	10.640	106	242373	51.555	ug/l	99
70) Styrene	10.653	104	413894	54.749	ug/l	98
71) Bromoform	10.799	173	106002	49.651	ug/l #	99
73) Isopropylbenzene	10.964	105	632790	49.684	ug/l	98
74) N-amyl acetate	10.842	43	299248	52.218	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	220388	47.235	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183443m	46.302	ug/l	
77) Bromobenzene	11.195	156	156098	48.181	ug/l	91
78) n-propylbenzene	11.305	91	745278	52.679	ug/l	100
79) 2-Chlorotoluene	11.366	91	450277	49.657	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	545054	51.684	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	66428	54.518	ug/l	93
82) 4-Chlorotoluene	11.457	91	515713	50.599	ug/l	98
83) tert-Butylbenzene	11.713	119	537850	49.627	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	554989	52.274	ug/l	100
85) sec-Butylbenzene	11.890	105	675118	52.902	ug/l	100
86) p-Isopropyltoluene	12.006	119	569369	53.700	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	287075	48.961	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	286479	47.668	ug/l	99
89) n-Butylbenzene	12.329	91	500598	54.729	ug/l	98
90) Hexachloroethane	12.536	117	96905	49.964	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	293002	49.903	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	50255	49.019	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	178536	49.851	ug/l	98
94) Hexachlorobutadiene	13.725	225	79108	52.081	ug/l	100
95) Naphthalene	13.774	128	621113	50.117	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	185422	51.433	ug/l	99

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

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