

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031307.D
 Acq On : 14 Sep 2022 13:58
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 01:27:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:23:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	60940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	100281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72807	48.674	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.340%		
35) Dibromofluoromethane	5.385	113	55302	51.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	8.653	98	208885	51.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.320%		
62) 4-Bromofluorobenzene	11.079	95	78254	52.849	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33004	50.158	ug/l	100
3) Chloromethane	1.288	50	51142	50.796	ug/l	100
4) Vinyl Chloride	1.374	62	58354	54.805	ug/l	100
5) Bromomethane	1.611	94	41418	51.871	ug/l	100
6) Chloroethane	1.678	64	42468	47.125	ug/l	100
7) Trichlorofluoromethane	1.886	101	102760	52.649	ug/l	100
8) Diethyl Ether	2.136	74	40892	48.214	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	46843	50.753	ug/l	100
10) Methyl Iodide	2.453	142	54632	61.064	ug/l	100
11) Tert butyl alcohol	2.989	59	85344	237.944	ug/l	100
12) 1,1-Dichloroethene	2.318	96	44965	52.849	ug/l	100
13) Acrolein	2.239	56	39720	230.112	ug/l	100
14) Allyl chloride	2.666	41	94674	50.370	ug/l	100
15) Acrylonitrile	3.068	53	174314	252.667	ug/l	100
16) Acetone	2.386	43	156524	245.120	ug/l	100
17) Carbon Disulfide	2.507	76	115418	62.067	ug/l	100
18) Methyl Acetate	2.703	43	93821	49.547	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	201209	51.068	ug/l	100
20) Methylene Chloride	2.788	84	56050	45.704	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	53799	50.663	ug/l	100
22) Diisopropyl ether	3.763	45	197479	50.208	ug/l	100
23) Vinyl Acetate	3.721	43	864646	264.520	ug/l	100
24) 1,1-Dichloroethane	3.611	63	106647	51.666	ug/l	100
25) 2-Butanone	4.562	43	261515	248.287	ug/l	100
26) 2,2-Dichloropropane	4.477	77	99956	51.040	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	63479	50.776	ug/l	100
28) Bromochloromethane	4.897	49	45615	47.410	ug/l	100
29) Tetrahydrofuran	5.013	42	164769	252.531	ug/l	100
30) Chloroform	5.098	83	113707	52.020	ug/l	100
31) Cyclohexane	5.470	56	89555	55.728	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	104010	53.105	ug/l	100
36) 1,1-Dichloropropene	5.696	75	79747	54.050	ug/l	100
37) Ethyl Acetate	4.721	43	100675	51.924	ug/l	100
38) Carbon Tetrachloride	5.678	117	89496	55.803	ug/l	100
39) Methylcyclohexane	7.379	83	94168	57.955	ug/l	100
40) Benzene	6.043	78	232786	54.943	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	53872	51.289	ug/l	100
42) 1,2-Dichloroethane	6.092	62	92622	54.197	ug/l	100
43) Isopropyl Acetate	6.342	43	168885	51.029	ug/l	100
44) Trichloroethene	7.129	130	59474	55.057	ug/l	100
45) 1,2-Dichloropropane	7.433	63	62098	53.537	ug/l	100
46) Dibromomethane	7.586	93	44286	53.838	ug/l	100
47) Bromodichloromethane	7.824	83	91807	53.661	ug/l	100
48) Methyl methacrylate	7.696	41	77902	51.707	ug/l	100
49) 1,4-Dioxane	7.683	88	31185	1132.810	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	520924	258.948	ug/l	100
52) Toluene	8.720	92	151458	56.512	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	104883	54.475	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	106620	53.887	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	63529	53.696	ug/l	100
56) Ethyl methacrylate	9.116	69	104337	54.477	ug/l	100
57) 1,3-Dichloropropane	9.311	76	108449	53.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	239895	268.832	ug/l	100
59) 2-Hexanone	9.433	43	395928	257.868	ug/l	100
60) Dibromochloromethane	9.525	129	72916	57.167	ug/l	100
61) 1,2-Dibromoethane	9.610	107	69584	57.319	ug/l	100
64) Tetrachloroethene	9.275	164	57271	55.720	ug/l	100
65) Chlorobenzene	10.079	112	164388	55.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	65396	55.747	ug/l	100
67) Ethyl Benzene	10.195	91	297782	55.218	ug/l	100
68) m/p-Xylenes	10.305	106	231107	112.861	ug/l	100
69) o-Xylene	10.646	106	114407	55.008	ug/l	100
70) Styrene	10.658	104	191852	56.726	ug/l	100
71) Bromoform	10.799	173	54814	58.695	ug/l #	100
73) Isopropylbenzene	10.963	105	299410	51.612	ug/l	100
74) N-amyl acetate	10.841	43	140007	48.547	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	99655	47.801	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	97452m	45.107	ug/l	
77) Bromobenzene	11.201	156	72389	54.727	ug/l	100
78) n-propylbenzene	11.305	91	351972	51.699	ug/l	100
79) 2-Chlorotoluene	11.366	91	206359	49.538	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	257302	52.940	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36989	51.711	ug/l	100
82) 4-Chlorotoluene	11.457	91	244277	51.160	ug/l	100
83) tert-Butylbenzene	11.719	119	257027	52.857	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	254806	52.748	ug/l	100
85) sec-Butylbenzene	11.890	105	321470	52.796	ug/l	100
86) p-Isopropyltoluene	12.012	119	269853	54.386	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	138143	54.779	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	138208	53.323	ug/l	100
89) n-Butylbenzene	12.335	91	235163	53.447	ug/l	100
90) Hexachloroethane	12.542	117	52391	52.873	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	135604	52.816	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25844	46.886	ug/l	100
93) 1,2,4-Trichlorobenzene	13.591	180	78500	56.464	ug/l	100
94) Hexachlorobutadiene	13.725	225	29211	53.826	ug/l	100
95) Naphthalene	13.774	128	304245	53.864	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	81037	54.431	ug/l	100

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

