

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091322\
 Data File : VX031299.D
 Acq On : 13 Sep 2022 19:03
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 14 05:35:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 14 05:31:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	45210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	70591	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99323	103.486	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 206.980%#			
35) Dibromofluoromethane	5.391	113	87667	104.589	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 209.180%#			
50) Toluene-d8	8.653	98	344205	116.974	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 233.940%#			
62) 4-Bromofluorobenzene	11.085	95	116822	113.374	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 226.740%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	45045	96.723	ug/l	98
3) Chloromethane	1.288	50	136060	99.968	ug/l	95
4) Vinyl Chloride	1.368	62	152503	102.324	ug/l	96
5) Bromomethane	1.605	94	389615	109.151	ug/l	98
6) Chloroethane	1.679	64	363572	122.642	ug/l	98
7) Trichlorofluoromethane	1.880	101	305063	100.699	ug/l	97
8) Diethyl Ether	2.136	74	130030	101.219	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	73785	101.842	ug/l	97
10) Methyl Iodide	2.447	142	98843	121.954	ug/l	99
11) Tert butyl alcohol	3.002	59	143806	429.844	ug/l	96
12) 1,1-Dichloroethene	2.313	96	73454	101.430	ug/l	93
13) Acrolein	2.239	56	84784	306.741	ug/l	94
14) Allyl chloride	2.660	41	158607	107.788	ug/l	96
15) Acrylonitrile	3.075	53	331513	522.478	ug/l	99
16) Acetone	2.392	43	247412	476.263	ug/l	97
17) Carbon Disulfide	2.508	76	185241	122.149	ug/l	99
18) Methyl Acetate	2.709	43	157833	97.202	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	328956	108.752	ug/l	98
20) Methylene Chloride	2.788	84	88676	99.835	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	92813	112.583	ug/l	98
22) Diisopropyl ether	3.764	45	369823	108.455	ug/l	91
23) Vinyl Acetate	3.727	43	1700734	563.740	ug/l	100
24) 1,1-Dichloroethane	3.611	63	169457	105.205	ug/l	99
25) 2-Butanone	4.568	43	471250	512.213	ug/l	99
26) 2,2-Dichloropropane	4.477	77	137875	101.516	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	102666	107.219	ug/l	97
28) Bromochloromethane	4.904	49	79267	99.805	ug/l	100
29) Tetrahydrofuran	5.019	42	314911	522.085	ug/l	99
30) Chloroform	5.099	83	178292	108.379	ug/l	97
31) Cyclohexane	5.477	56	149730	113.170	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	151872	106.070	ug/l	100
36) 1,1-Dichloropropene	5.696	75	127938	110.979	ug/l	97
37) Ethyl Acetate	4.721	43	191321	103.920	ug/l	99
38) Carbon Tetrachloride	5.678	117	135044	109.052	ug/l	97
39) Methylcyclohexane	7.385	83	144955	110.576	ug/l	93
40) Benzene	6.044	78	390758	111.104	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	96929	103.943	ug/l	97
42) 1,2-Dichloroethane	6.092	62	141257	110.286	ug/l	98
43) Isopropyl Acetate	6.348	43	308201	105.293	ug/l	100
44) Trichloroethene	7.129	130	98094	105.250	ug/l	99
45) 1,2-Dichloropropane	7.434	63	100717	103.432	ug/l	99
46) Dibromomethane	7.586	93	69894	104.583	ug/l	96
47) Bromodichloromethane	7.824	83	144674	104.639	ug/l	98
48) Methyl methacrylate	7.696	41	133585	107.037	ug/l	98
49) 1,4-Dioxane	7.696	88	54601	1904.022	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1111086	554.349	ug/l	100
52) Toluene	8.720	92	263334	117.249	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	172575	107.510	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	176061	108.289	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	106229	105.821	ug/l	96
56) Ethyl methacrylate	9.122	69	180008	110.623	ug/l	100
57) 1,3-Dichloropropane	9.311	76	176358	108.453	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	452170	566.179	ug/l	100
59) 2-Hexanone	9.433	43	839850	547.611	ug/l	99
60) Dibromochloromethane	9.525	129	122112	112.998	ug/l	99
61) 1,2-Dibromoethane	9.610	107	114299	113.206	ug/l	94
64) Tetrachloroethene	9.275	164	102170	106.984	ug/l	96
65) Chlorobenzene	10.079	112	277117	104.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	106108	101.656	ug/l	95
67) Ethyl Benzene	10.195	91	503654	106.698	ug/l	96
68) m/p-Xylenes	10.305	106	424324	222.437	ug/l	95
69) o-Xylene	10.646	106	206108	110.369	ug/l	97
70) Styrene	10.659	104	353134	112.609	ug/l	100
71) Bromoform	10.805	173	96718	105.455	ug/l #	99
73) Isopropylbenzene	10.963	105	523221	100.609	ug/l	99
74) N-amyl acetate	10.848	43	283117	94.923	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	185201	93.303	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	160411m	91.475	ug/l	
77) Bromobenzene	11.201	156	126821	99.067	ug/l	95
78) n-propylbenzene	11.305	91	629734	104.032	ug/l	99
79) 2-Chlorotoluene	11.366	91	340146	98.708	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	469035	107.165	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	69969	95.037	ug/l	98
82) 4-Chlorotoluene	11.457	91	443099	110.575	ug/l	99
83) tert-Butylbenzene	11.719	119	454918	100.564	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	446190	103.644	ug/l	99
85) sec-Butylbenzene	11.890	105	573261	102.794	ug/l	99
86) p-Isopropyltoluene	12.012	119	496650	106.253	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	246453	101.259	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	254749	101.381	ug/l	99
89) n-Butylbenzene	12.335	91	465020	112.341	ug/l	99
90) Hexachloroethane	12.542	117	92078	97.352	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	257150	103.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39274	84.819	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	143606	102.591	ug/l	99
94) Hexachlorobutadiene	13.725	225	53638	98.007	ug/l	98
95) Naphthalene	13.780	128	541995	100.309	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	150827	102.500	ug/l	97

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

