

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031741.D
 Acq On : 28 Sep 2022 21:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 04:34:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106112	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63819	43.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.580%		
35) Dibromofluoromethane	5.385	113	55968	44.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.540%		
50) Toluene-d8	8.653	98	206726	45.099	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.200%		
62) 4-Bromofluorobenzene	11.079	95	82546	49.133	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	36789	43.516	ug/l	96
3) Chloromethane	1.288	50	39571	53.220	ug/l	98
4) Vinyl Chloride	1.368	62	52554	45.171	ug/l	98
5) Bromomethane	1.611	94	52209	50.033	ug/l	98
6) Chloroethane	1.685	64	58904	42.369	ug/l	95
7) Trichlorofluoromethane	1.886	101	126410	44.254	ug/l	97
8) Diethyl Ether	2.130	74	42520	52.263	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	49544	53.654	ug/l	91
10) Methyl Iodide	2.453	142	53742	59.377	ug/l	97
11) Tert butyl alcohol	3.001	59	51108	272.476	ug/l	97
12) 1,1-Dichloroethene	2.319	96	42975	61.229	ug/l	89
13) Acrolein	2.239	56	24102	276.724	ug/l	98
14) Allyl chloride	2.660	41	60056	49.433	ug/l #	93
15) Acrylonitrile	3.069	53	129656	253.393	ug/l	98
16) Acetone	2.392	43	104802	311.691	ug/l	100
17) Carbon Disulfide	2.508	76	79435	51.351	ug/l	99
18) Methyl Acetate	2.709	43	66325	50.061	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	172085	52.477	ug/l	97
20) Methylene Chloride	2.788	84	54042	58.243	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	51442	50.393	ug/l	91
22) Diisopropyl ether	3.757	45	153085	48.960	ug/l #	84
23) Vinyl Acetate	3.721	43	609918	246.648	ug/l #	92
24) 1,1-Dichloroethane	3.605	63	93212	51.709	ug/l	97
25) 2-Butanone	4.562	43	171690	243.966	ug/l #	86
26) 2,2-Dichloropropane	4.477	77	68152	46.581	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	65441	52.344	ug/l	85
28) Bromochloromethane	4.897	49	38749	45.951	ug/l #	70
29) Tetrahydrofuran	5.013	42	109521	247.733	ug/l #	83
30) Chloroform	5.099	83	117748	53.098	ug/l	93
31) Cyclohexane	5.471	56	70994	50.643	ug/l	90
32) 1,1,1-Trichloroethane	5.385	97	101836	55.446	ug/l	97
36) 1,1-Dichloropropene	5.690	75	73493	50.615	ug/l	97
37) Ethyl Acetate	4.715	43	69461	47.427	ug/l	96
38) Carbon Tetrachloride	5.678	117	89523	54.707	ug/l	96
39) Methylcyclohexane	7.379	83	84867	51.298	ug/l	91
40) Benzene	6.038	78	225000	50.453	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36292	48.698	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	87707	50.853	ug/l	98
43) Isopropyl Acetate	6.342	43	111882	48.537	ug/l #	93
44) Trichloroethene	7.123	130	66615	52.885	ug/l	90
45) 1,2-Dichloropropane	7.434	63	54901	50.725	ug/l	95
46) Dibromomethane	7.580	93	45618	52.483	ug/l	93
47) Bromodichloromethane	7.824	83	86669	55.256	ug/l	100
48) Methyl methacrylate	7.696	41	52620	51.906	ug/l #	86
49) 1,4-Dioxane	7.702	88	28349	1155.943	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	370916	254.216	ug/l	92
52) Toluene	8.720	92	161077	54.186	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	86596	47.885	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	91480	56.122	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	69819	54.551	ug/l	92
56) Ethyl methacrylate	9.116	69	90789	55.443	ug/l	88
57) 1,3-Dichloropropane	9.311	76	107650	53.111	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	213304	264.537	ug/l #	88
59) 2-Hexanone	9.433	43	278513	255.841	ug/l	89
60) Dibromochloromethane	9.525	129	75218	50.323	ug/l	99
61) 1,2-Dibromoethane	9.610	107	75477	58.095	ug/l	99
64) Tetrachloroethene	9.275	164	70087	51.967	ug/l	98
65) Chlorobenzene	10.079	112	187641	53.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	70393	55.654	ug/l	97
67) Ethyl Benzene	10.195	91	317441	53.085	ug/l	98
68) m/p-Xylenes	10.305	106	266982	111.118	ug/l	95
69) o-Xylene	10.640	106	131666	56.064	ug/l	94
70) Styrene	10.659	104	219937	57.533	ug/l	97
71) Bromoform	10.799	173	53704	49.436	ug/l #	99
73) Isopropylbenzene	10.963	105	349986	51.217	ug/l	99
74) N-amyl acetate	10.848	43	103541	46.712	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	106558	49.077	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	93099m	48.601	ug/l	
77) Bromobenzene	11.201	156	86837	49.989	ug/l	90
78) n-propylbenzene	11.305	91	389573	51.232	ug/l	96
79) 2-Chlorotoluene	11.366	91	236620	50.392	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	309739	53.472	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24868	44.521	ug/l	93
82) 4-Chlorotoluene	11.457	91	277734	51.198	ug/l	96
83) tert-Butylbenzene	11.713	119	305917	54.766	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	308836	53.864	ug/l	98
85) sec-Butylbenzene	11.890	105	376139	52.985	ug/l	98
86) p-Isopropyltoluene	12.012	119	328986	53.740	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	174185	51.723	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	183744	52.125	ug/l	98
89) n-Butylbenzene	12.335	91	259211	51.833	ug/l	98
90) Hexachloroethane	12.542	117	51358	52.318	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	178264	52.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22490	51.692	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	103654	52.557	ug/l	99
94) Hexachlorobutadiene	13.725	225	39229	51.010	ug/l	97
95) Naphthalene	13.774	128	363729	55.213	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	105468	52.107	ug/l	97

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

