

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031537.D
 Acq On : 21 Sep 2022 22:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 22 01:16:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/22/2022
 Supervised By :Mahesh Dadoda 09/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	50710	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	75847	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47503	51.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.020%			
35) Dibromofluoromethane	5.385	113	41369	52.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.620%			
50) Toluene-d8	8.647	98	155931	51.602	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.200%			
62) 4-Bromofluorobenzene	11.079	95	57839	56.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38269	52.489	ug/l	95
3) Chloromethane	1.288	50	45192	46.722	ug/l	97
4) Vinyl Chloride	1.374	62	56303	51.048	ug/l	97
5) Bromomethane	1.611	94	102612	65.339	ug/l	99
6) Chloroethane	1.684	64	74403	79.642	ug/l	97
7) Trichlorofluoromethane	1.886	101	120538	48.182	ug/l	97
8) Diethyl Ether	2.136	74	41236	47.858	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.325	101	39196	48.004	ug/l	92
10) Methyl Iodide	2.447	142	41655	52.729	ug/l	97
11) Tert butyl alcohol	3.001	59	52700	271.229	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	37094	46.995	ug/l	90
13) Acrolein	2.239	56	18850	183.610	ug/l	97
14) Allyl chloride	2.660	41	56130	43.607	ug/l	94
15) Acrylonitrile	3.068	53	116981	239.030	ug/l	99
16) Acetone	2.392	43	96897	264.218	ug/l	95
17) Carbon Disulfide	2.507	76	89938	42.289	ug/l	98
18) Methyl Acetate	2.709	43	63144	45.437	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	135043	47.305	ug/l	99
20) Methylene Chloride	2.788	84	41956	50.525	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	42961	48.199	ug/l	94
22) Diisopropyl ether	3.763	45	133722	47.973	ug/l	96
23) Vinyl Acetate	3.721	43	581060	243.755	ug/l	98
24) 1,1-Dichloroethane	3.611	63	74055	47.013	ug/l	97
25) 2-Butanone	4.562	43	167791	233.698	ug/l	99
26) 2,2-Dichloropropane	4.477	77	49103	35.289	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	50412	46.927	ug/l	87
28) Bromochloromethane	4.897	49	30520	48.500	ug/l	88
29) Tetrahydrofuran	5.007	42	109325	233.485	ug/l	94
30) Chloroform	5.092	83	84645	48.995	ug/l	97
31) Cyclohexane	5.470	56	65171	47.248	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	73825	47.046	ug/l	100
36) 1,1-Dichloropropene	5.690	75	60752	50.391	ug/l	97
37) Ethyl Acetate	4.721	43	68993	47.970	ug/l	99
38) Carbon Tetrachloride	5.678	117	65779	49.223	ug/l	93
39) Methylcyclohexane	7.379	83	72017	48.549	ug/l	92
40) Benzene	6.037	78	174759	48.588	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	35165	49.106	ug/l	96
42) 1,2-Dichloroethane	6.086	62	64908	48.960	ug/l	98
43) Isopropyl Acetate	6.342	43	108809	49.222	ug/l	99
44) Trichloroethene	7.122	130	50841	49.854	ug/l	95
45) 1,2-Dichloropropane	7.427	63	43968	48.630	ug/l	95
46) Dibromomethane	7.580	93	33590	48.265	ug/l	90
47) Bromodichloromethane	7.824	83	64489	49.285	ug/l	95
48) Methyl methacrylate	7.696	41	49428	48.943	ug/l	89
49) 1,4-Dioxane	7.696	88	24151	1047.152	ug/l	90
51) 4-Methyl-2-Pentanone	8.573	43	367813	258.690	ug/l	100
52) Toluene	8.720	92	121609	51.842	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	67678	49.983	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	72119	48.701	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	49703	51.422	ug/l	97
56) Ethyl methacrylate	9.116	69	73324	53.337	ug/l	94
57) 1,3-Dichloropropane	9.311	76	80389	50.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	133714	234.718	ug/l	95
59) 2-Hexanone	9.433	43	278886	261.171	ug/l	99
60) Dibromochloromethane	9.518	129	54554	53.151	ug/l	100
61) 1,2-Dibromoethane	9.610	107	54917	52.739	ug/l	98
64) Tetrachloroethene	9.275	164	51338	49.039	ug/l	95
65) Chlorobenzene	10.079	112	133107	49.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	49284	50.821	ug/l	98
67) Ethyl Benzene	10.195	91	236626	49.862	ug/l	99
68) m/p-Xylenes	10.299	106	195229	102.369	ug/l	97
69) o-Xylene	10.640	106	94669	52.007	ug/l	95
70) Styrene	10.652	104	157380	52.511	ug/l	98
71) Bromoform	10.799	173	40064	51.635	ug/l #	98
73) Isopropylbenzene	10.963	105	249820	48.791	ug/l	99
74) N-amyl acetate	10.841	43	103409	49.828	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	80087	57.881	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	71429m	46.676	ug/l	
77) Bromobenzene	11.201	156	60559	47.989	ug/l	92
78) n-propylbenzene	11.305	91	293548	49.832	ug/l	99
79) 2-Chlorotoluene	11.366	91	164943	47.042	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	216463	49.815	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21973	46.232	ug/l	96
82) 4-Chlorotoluene	11.457	91	200767	48.791	ug/l	98
83) tert-Butylbenzene	11.713	119	212854	50.540	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	217127	50.738	ug/l	99
85) sec-Butylbenzene	11.890	105	273265	51.270	ug/l	100
86) p-Isopropyltoluene	12.012	119	231467	51.429	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	121019	50.033	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	124123	49.199	ug/l	98
89) n-Butylbenzene	12.335	91	200433	52.281	ug/l	97
90) Hexachloroethane	12.542	117	39326	50.851	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	119649	49.122	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16939	48.145	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	70994	52.896	ug/l	97
94) Hexachlorobutadiene	13.725	225	25672	58.360	ug/l	97
95) Naphthalene	13.780	128	254341	51.744	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70165	50.722	ug/l	98

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

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