

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031397.D
 Acq On : 16 Sep 2022 09:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

Quant Time: Sep 16 18:56:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	51748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	84123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54404	42.832	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.660%		
35) Dibromofluoromethane	5.385	113	45231	50.020	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.040%		
50) Toluene-d8	8.653	98	170510	50.268	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.540%		
62) 4-Bromofluorobenzene	11.079	95	60973	49.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25020	44.779	ug/l	95
3) Chloromethane	1.288	50	38018	49.621	ug/l	95
4) Vinyl Chloride	1.374	62	46480	51.407	ug/l	96
5) Bromomethane	1.612	94	47307	69.770	ug/l	98
6) Chloroethane	1.685	64	70727	98.546	ug/l	97
7) Trichlorofluoromethane	1.886	101	115382	69.617	ug/l	98
8) Diethyl Ether	2.130	74	39678	60.073	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	38685	49.359	ug/l	94
10) Methyl Iodide	2.453	142	31668	38.090	ug/l	99
11) Tert butyl alcohol	3.008	59	63859	239.204	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	37342	51.685	ug/l	94
13) Acrolein	2.240	56	26201	178.754	ug/l	99
14) Allyl chloride	2.666	41	59518	37.290	ug/l	98
15) Acrylonitrile	3.069	53	127518	217.669	ug/l	100
16) Acetone	2.392	43	112064	206.668	ug/l	98
17) Carbon Disulfide	2.514	76	82823	47.943	ug/l	98
18) Methyl Acetate	2.709	43	66813	41.552	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	148172	44.287	ug/l	100
20) Methylene Chloride	2.788	84	44556	52.516	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	42421	52.313	ug/l	94
22) Diisopropyl ether	3.764	45	149173	44.664	ug/l	97
23) Vinyl Acetate	3.727	43	641198	231.005	ug/l	98
24) 1,1-Dichloroethane	3.611	63	79765	45.507	ug/l	99
25) 2-Butanone	4.568	43	185313	207.191	ug/l	97
26) 2,2-Dichloropropane	4.477	77	42258	25.411	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	52161	49.014	ug/l	87
28) Bromochloromethane	4.898	49	34095	41.732	ug/l	94
29) Tetrahydrofuran	5.013	42	119496	215.692	ug/l	97
30) Chloroform	5.099	83	89689	48.321	ug/l	100
31) Cyclohexane	5.477	56	65060	47.677	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	78947	47.468	ug/l	99
36) 1,1-Dichloropropene	5.696	75	60797	49.121	ug/l	99
37) Ethyl Acetate	4.715	43	71879	44.193	ug/l	99
38) Carbon Tetrachloride	5.678	117	67562	50.218	ug/l	98
39) Methylcyclohexane	7.385	83	66961	49.126	ug/l	93
40) Benzene	6.044	78	184165	51.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37224	42.246	ug/l	94
42) 1,2-Dichloroethane	6.092	62	71234	49.688	ug/l	99
43) Isopropyl Acetate	6.342	43	123645	44.536	ug/l	99
44) Trichloroethene	7.129	130	50594	55.832	ug/l	90
45) 1,2-Dichloropropane	7.434	63	47473	48.790	ug/l	98
46) Dibromomethane	7.580	93	35863	51.973	ug/l	94
47) Bromodichloromethane	7.824	83	70923	49.416	ug/l	95
48) Methyl methacrylate	7.696	41	53635	42.438	ug/l	92
49) 1,4-Dioxane	7.702	88	25346	999.997	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	403103	238.868	ug/l	100
52) Toluene	8.720	92	124118	55.206	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	71606	44.335	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	73512	44.290	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	52774	53.174	ug/l	98
56) Ethyl methacrylate	9.116	69	80253	49.951	ug/l	95
57) 1,3-Dichloropropane	9.311	76	85781	50.300	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	169731	226.738	ug/l	96
59) 2-Hexanone	9.433	43	309058	239.953	ug/l	100
60) Dibromochloromethane	9.525	129	57931	54.142	ug/l	98
61) 1,2-Dibromoethane	9.610	107	56159	55.146	ug/l	98
64) Tetrachloroethene	9.275	164	48735	55.731	ug/l	97
65) Chlorobenzene	10.080	112	136107	53.731	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51803	51.905	ug/l	98
67) Ethyl Benzene	10.195	91	240039	52.318	ug/l	100
68) m/p-Xylenes	10.305	106	193494	111.066	ug/l	99
69) o-Xylene	10.640	106	95906	54.200	ug/l	97
70) Styrene	10.659	104	160534	55.791	ug/l	99
71) Bromoform	10.799	173	42261	53.190	ug/l #	100
73) Isopropylbenzene	10.964	105	253196	46.289	ug/l	98
74) N-amyl acetate	10.842	43	111381	40.959	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	85672	43.582	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	77114m	41.320	ug/l	
77) Bromobenzene	11.201	156	60217	48.281	ug/l	97
78) n-propylbenzene	11.305	91	291274	45.374	ug/l	100
79) 2-Chlorotoluene	11.366	91	170828	43.491	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	218034	47.577	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	21391	31.716	ug/l	96
82) 4-Chlorotoluene	11.457	91	212724	47.249	ug/l	100
83) tert-Butylbenzene	11.713	119	214792	46.846	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	214858	47.171	ug/l	100
85) sec-Butylbenzene	11.890	105	270022	47.031	ug/l	99
86) p-Isopropyltoluene	12.012	119	231028	49.381	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	120030	50.479	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	127192	52.045	ug/l	98
89) n-Butylbenzene	12.335	91	195756	47.185	ug/l	98
90) Hexachloroethane	12.543	117	40331	43.167	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	122605	50.644	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18347	40.327	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	68622	52.347	ug/l	98
94) Hexachlorobutadiene	13.725	225	23116	45.174	ug/l	96
95) Naphthalene	13.774	128	256031	48.072	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69169	49.272	ug/l	98

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

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