

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020922\
 Data File : VX026884.D
 Acq On : 09 Feb 2022 21:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 10 01:11:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/10/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	102689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	170379	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65361	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62936	51.056	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.391	113	49796	49.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.120%			
50) Toluene-d8	8.653	98	190733	51.189	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.380%			
62) 4-Bromofluorobenzene	11.079	95	65956	50.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	54776	49.057	ug/l	100
3) Chloromethane	1.295	50	52021	50.081	ug/l	100
4) Vinyl Chloride	1.380	62	53911	49.579	ug/l	98
5) Bromomethane	1.618	94	21432	46.448	ug/l	97
6) Chloroethane	1.691	64	31086	52.839	ug/l	98
7) Trichlorofluoromethane	1.892	101	79466	49.661	ug/l	100
8) Diethyl Ether	2.136	74	28206	47.584	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	50594	48.236	ug/l	98
10) Methyl Iodide	2.459	142	67702	46.693	ug/l	96
11) Tert butyl alcohol	3.008	59	46155	207.263	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	50340	47.900	ug/l	91
13) Acrolein	2.239	56	50044	243.177	ug/l	99
14) Allyl chloride	2.666	41	90671	48.707	ug/l	97
15) Acrylonitrile	3.069	53	154388	241.935	ug/l	100
16) Acetone	2.386	43	125160	231.178	ug/l	97
17) Carbon Disulfide	2.520	76	137101	46.083	ug/l	100
18) Methyl Acetate	2.703	43	71615	45.974	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	178332	47.940	ug/l	99
20) Methylene Chloride	2.794	84	56279	47.974	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	53570	48.441	ug/l	96
22) Diisopropyl ether	3.764	45	181850	48.521	ug/l	98
23) Vinyl Acetate	3.727	43	783670	248.697	ug/l	98
24) 1,1-Dichloroethane	3.617	63	99634	49.128	ug/l	100
25) 2-Butanone	4.562	43	209820	240.540	ug/l	99
26) 2,2-Dichloropropane	4.483	77	67789	49.472	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	63144	49.730	ug/l	96
28) Bromochloromethane	4.904	49	41979	49.935	ug/l	96
29) Tetrahydrofuran	5.007	42	142217	239.822	ug/l	99
30) Chloroform	5.099	83	102305	48.553	ug/l	98
31) Cyclohexane	5.483	56	94402	48.198	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	90194	48.550	ug/l	99
36) 1,1-Dichloropropene	5.696	75	77774	48.567	ug/l	98
37) Ethyl Acetate	4.715	43	85009	46.711	ug/l	99
38) Carbon Tetrachloride	5.684	117	79582	47.391	ug/l	98
39) Methylcyclohexane	7.385	83	95563	48.661	ug/l	98
40) Benzene	6.044	78	224679	48.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48025	48.689	ug/l	97
42) 1,2-Dichloroethane	6.092	62	81848	49.768	ug/l	98
43) Isopropyl Acetate	6.342	43	137798	49.212	ug/l	98
44) Trichloroethene	7.129	130	67391	48.090	ug/l	93
45) 1,2-Dichloropropane	7.434	63	57749	48.905	ug/l	98
46) Dibromomethane	7.580	93	39900	48.833	ug/l	96
47) Bromodichloromethane	7.824	83	79042	50.515	ug/l	99
48) Methyl methacrylate	7.696	41	67312	48.516	ug/l	97
49) 1,4-Dioxane	7.678	88	20399	853.227	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	409695	241.448	ug/l	98
52) Toluene	8.720	92	143487	48.560	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	81640	48.246	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	90361	52.298	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	56078	50.130	ug/l	99
56) Ethyl methacrylate	9.116	69	88467	49.891	ug/l	96
57) 1,3-Dichloropropane	9.311	76	96378	50.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	227018	249.432	ug/l	98
59) 2-Hexanone	9.433	43	295817	238.347	ug/l	98
60) Dibromochloromethane	9.525	129	60218	52.317	ug/l	100
61) 1,2-Dibromoethane	9.610	107	59418	50.273	ug/l	99
64) Tetrachloroethene	9.275	164	70146	46.973	ug/l	97
65) Chlorobenzene	10.080	112	147724	48.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	55339	48.923	ug/l	100
67) Ethyl Benzene	10.195	91	268450	49.326	ug/l	99
68) m/p-Xylenes	10.305	106	202707	96.808	ug/l	98
69) o-Xylene	10.646	106	99280	48.388	ug/l	97
70) Styrene	10.659	104	162632	48.872	ug/l	98
71) Bromoform	10.799	173	38105	43.739	ug/l #	100
73) Isopropylbenzene	10.964	105	260231	50.547	ug/l	99
74) N-amyl acetate	10.842	43	101835	49.504	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	66125	47.329	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	68695m	48.012	ug/l	
77) Bromobenzene	11.201	156	59629	48.726	ug/l	96
78) n-propylbenzene	11.305	91	293736	51.465	ug/l	100
79) 2-Chlorotoluene	11.366	91	172273	48.851	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	211788	49.983	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19995	44.123	ug/l	94
82) 4-Chlorotoluene	11.457	91	195584	49.438	ug/l	97
83) tert-Butylbenzene	11.713	119	198210	49.080	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	211179	49.411	ug/l	98
85) sec-Butylbenzene	11.890	105	257354	50.273	ug/l	99
86) p-Isopropyltoluene	12.012	119	217910	50.247	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	108837	48.535	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	108860	48.137	ug/l	99
89) n-Butylbenzene	12.335	91	179836	50.683	ug/l	99
90) Hexachloroethane	12.542	117	31782	50.705	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	104921	48.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16835	48.999	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	67372	49.338	ug/l	98
94) Hexachlorobutadiene	13.725	225	26838	46.465	ug/l	99
95) Naphthalene	13.774	128	249161	52.092	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67458	48.787	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

