

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110821\
 Data File : VU045601.D
 Acq On : 08 Nov 2021 09:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/16/2021
 Supervised By :Semsettin Yesilyurt 11/16/2021

Quant Time: Nov 08 14:55:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	134727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	231137	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	226319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	116729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	100397	49.758	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.520%		
35) Dibromofluoromethane	5.292	113	76635	49.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.320%		
50) Toluene-d8	7.903	98	293122	51.082	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.160%		
62) 4-Bromofluorobenzene	10.636	95	116107	50.459	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	92352	52.869	ug/l	99
3) Chloromethane	1.523	50	99586	49.826	ug/l	100
4) Vinyl Chloride	1.607	62	100896	51.823	ug/l	100
5) Bromomethane	1.851	94	63023	58.036	ug/l	100
6) Chloroethane	1.932	64	61149	48.126	ug/l	97
7) Trichlorofluoromethane	2.141	101	129746	50.396	ug/l	99
8) Diethyl Ether	2.379	74	51055	50.097	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.584	101	76908	51.158	ug/l	98
10) Methyl Iodide	2.726	142	84401	42.902	ug/l	91
11) Tert butyl alcohol	3.173	59	90573	226.792	ug/l	100
12) 1,1-Dichloroethene	2.584	96	73641	49.683	ug/l	99
13) Acrolein	2.485	56	14713	254.228	ug/l	100
14) Allyl chloride	2.925	41	134610	50.861	ug/l	98
15) Acrylonitrile	3.311	53	272414	255.484	ug/l	99
16) Acetone	2.623	43	308214	300.081	ug/l	98
17) Carbon Disulfide	2.797	76	203721	49.069	ug/l	100
18) Methyl Acetate	2.948	43	174642	49.922	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	272702	51.111	ug/l	100
20) Methylene Chloride	3.047	84	87823	49.209	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	79760	51.724	ug/l	98
22) Diisopropyl ether	3.996	45	272624	52.461	ug/l	94
23) Vinyl Acetate	3.957	43	1067953	267.198	ug/l	100
24) 1,1-Dichloroethane	3.874	63	158148	51.069	ug/l	99
25) 2-Butanone	4.700	43	399240	280.256	ug/l	100
26) 2,2-Dichloropropane	4.671	77	135727	52.892	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	93220	51.470	ug/l	99
28) Bromochloromethane	4.977	49	77293	52.354	ug/l	99
29) Tetrahydrofuran	5.047	42	217551	249.664	ug/l	100
30) Chloroform	5.092	83	155726	50.846	ug/l	100
31) Cyclohexane	5.391	56	145667	49.479	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	134945	51.668	ug/l	97
36) 1,1-Dichloropropene	5.530	75	118068	52.387	ug/l	99
37) Ethyl Acetate	4.803	43	132949	51.353	ug/l	99
38) Carbon Tetrachloride	5.530	117	115664	50.905	ug/l	97
39) Methylcyclohexane	6.768	83	146672	53.048	ug/l	97
40) Benzene	5.777	78	337228	50.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	73578	53.779	ug/l	98
42) 1,2-Dichloroethane	5.797	62	125389	52.025	ug/l	100
43) Isopropyl Acetate	5.912	43	206560	52.163	ug/l	100
44) Trichloroethene	6.546	130	81098	50.775	ug/l	98
45) 1,2-Dichloropropane	6.793	63	91821	52.007	ug/l	96
46) Dibromomethane	6.922	93	62551	51.131	ug/l	99
47) Bromodichloromethane	7.108	83	123621	53.257	ug/l	98
48) Methyl methacrylate	6.960	41	96007	52.676	ug/l	99
49) 1,4-Dioxane	6.964	88	42237	901.129	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	678938	259.915	ug/l	99
52) Toluene	7.973	92	216671	53.039	ug/l	99
53) t-1,3-Dichloropropene	8.214	75	144877	54.308	ug/l	98
54) cis-1,3-Dichloropropene	7.610	75	151938	53.622	ug/l	97
55) 1,1,2-Trichloroethane	8.404	97	87413	51.630	ug/l	99
56) Ethyl methacrylate	8.337	69	142491	47.071	ug/l	99
57) 1,3-Dichloropropane	8.578	76	157323	51.591	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	377087	241.925	ug/l	100
59) 2-Hexanone	8.687	43	561529	247.141	ug/l	98
60) Dibromochloromethane	8.813	129	92788	52.631	ug/l	99
61) 1,2-Dibromoethane	8.928	107	93316	51.390	ug/l	98
64) Tetrachloroethene	8.555	164	66513	51.204	ug/l	98
65) Chlorobenzene	9.449	112	223615	50.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	81331	51.297	ug/l	99
67) Ethyl Benzene	9.575	91	418482	52.566	ug/l	100
68) m/p-Xylenes	9.697	106	321176	106.974	ug/l	99
69) o-Xylene	10.105	106	153254	52.503	ug/l	96
70) Styrene	10.118	104	266228	53.913	ug/l	99
71) Bromoform	10.295	173	68912	46.173	ug/l #	100
73) Isopropylbenzene	10.488	105	415184	54.436	ug/l	100
74) N-amyl acetate	10.320	43	186163	54.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	152680	50.526	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	146474m	41.378	ug/l	
77) Bromobenzene	10.783	156	95749	51.707	ug/l	97
78) n-propylbenzene	10.909	91	515858	54.343	ug/l	100
79) 2-Chlorotoluene	10.989	91	297000	52.958	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	363902	54.609	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	52488	48.659	ug/l	96
82) 4-Chlorotoluene	11.099	91	352540	53.601	ug/l	100
83) tert-Butylbenzene	11.423	119	342729	53.954	ug/l	99
84) 1,2,4-Trimethylbenzene	11.472	105	364688	55.065	ug/l	99
85) sec-Butylbenzene	11.645	105	456590	54.197	ug/l	99
86) p-Isopropyltoluene	11.796	119	383973	54.542	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	188461	50.441	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	191695	50.729	ug/l	99
89) n-Butylbenzene	12.211	91	375788	55.413	ug/l	99
90) Hexachloroethane	12.481	117	68929	54.275	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	185940	51.152	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	37316	52.335	ug/l	97
93) 1,2,4-Trichlorobenzene	13.841	180	131557	52.342	ug/l	99
94) Hexachlorobutadiene	14.025	225	53747	49.540	ug/l	98
95) Naphthalene	14.089	128	466676	49.402	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	130580	52.306	ug/l	99

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

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