

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052654.D
 Acq On : 11 Jan 2023 16:58
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU011123

Quant Time: Jan 12 03:54:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:51:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/13/2023
 Supervised By :Mahesh Dadoda 01/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	245468	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.243	114	434605	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	404428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	204940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	198245	50.550	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.100%			
35) Dibromofluoromethane	5.285	113	150402	50.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	7.893	98	587309	51.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.200%			
62) 4-Bromofluorobenzene	10.626	95	215553	51.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	151632	49.019	ug/l	97
3) Chloromethane	1.520	50	212644	52.697	ug/l	97
4) Vinyl Chloride	1.604	62	191558	49.399	ug/l	100
5) Bromomethane	1.858	94	109522	48.569	ug/l	98
6) Chloroethane	1.932	64	111730	48.024	ug/l	99
7) Trichlorofluoromethane	2.134	101	231366	47.519	ug/l	98
8) Diethyl Ether	2.375	74	99673	49.816	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.578	101	137940	47.392	ug/l	93
10) Methyl Iodide	2.723	142	159384	52.855	ug/l	96
11) Tert butyl alcohol	3.292	59	204442m	265.681	ug/l	
12) 1,1-Dichloroethene	2.578	96	140241	48.912	ug/l	90
13) Acrolein	2.488	56	232309	250.046	ug/l	99
14) Allyl chloride	2.922	41	293871	52.040	ug/l #	86
15) Acrylonitrile	3.311	53	546092	263.790	ug/l	99
16) Acetone	2.636	43	443074	220.310	ug/l	99
17) Carbon Disulfide	2.790	76	438286	48.239	ug/l	100
18) Methyl Acetate	2.948	43	309459	52.796	ug/l	91
19) Methyl tert-butyl Ether	3.359	73	515676	52.016	ug/l	94
20) Methylene Chloride	3.044	84	175212	51.374	ug/l #	85
21) trans-1,2-Dichloroethene	3.350	96	156642	50.480	ug/l	89
22) Diisopropyl ether	3.986	45	573318	52.811	ug/l #	74
23) Vinyl Acetate	3.948	43	2299378	271.921	ug/l	95
24) 1,1-Dichloroethane	3.864	63	318016	49.796	ug/l	98
25) 2-Butanone	4.703	43	721159	261.161	ug/l	93
26) 2,2-Dichloropropane	4.661	77	243279	48.870	ug/l	97
27) cis-1,2-Dichloroethene	4.661	96	175625	49.565	ug/l	87
28) Bromochloromethane	4.967	49	150989	51.414	ug/l #	71
29) Tetrahydrofuran	5.051	42	461636	275.640	ug/l	86
30) Chloroform	5.083	83	298151	45.902	ug/l	98
31) Cyclohexane	5.385	56	298310	49.309	ug/l	90
32) 1,1,1-Trichloroethane	5.311	97	247976	48.766	ug/l	97
36) 1,1-Dichloropropene	5.523	75	226927	48.171	ug/l	96
37) Ethyl Acetate	4.796	43	278738	46.692	ug/l	96
38) Carbon Tetrachloride	5.520	117	208101	47.634	ug/l	99
39) Methylcyclohexane	6.758	83	270810	49.970	ug/l	91
40) Benzene	5.771	78	687119	49.356	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	147808	52.767	ug/l #	87
42) 1,2-Dichloroethane	5.790	62	240524	48.046	ug/l	100
43) Isopropyl Acetate	5.906	43	410894	52.447	ug/l	96
44) Trichloroethene	6.539	130	154670	47.012	ug/l	88
45) 1,2-Dichloropropane	6.787	63	185159	48.029	ug/l	99
46) Dibromomethane	6.912	93	117572	48.598	ug/l #	87
47) Bromodichloromethane	7.102	83	234921	47.348	ug/l	99
48) Methyl methacrylate	6.957	41	197012	54.129	ug/l	86
49) 1,4-Dioxane	7.025	88	76339	1126.853	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	1382195	269.980	ug/l	96
52) Toluene	7.964	92	410779	50.172	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	270241	51.609	ug/l	100
54) cis-1,3-Dichloropropene	7.603	75	292457	51.292	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	161726	47.875	ug/l	96
56) Ethyl methacrylate	8.330	69	272568	48.443	ug/l	91
57) 1,3-Dichloropropane	8.568	76	301614	49.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	50046	238.046	ug/l	93
59) 2-Hexanone	8.684	43	1057676	270.283	ug/l	96
60) Dibromochloromethane	8.806	129	171237	48.799	ug/l	99
61) 1,2-Dibromoethane	8.918	107	171049	49.950	ug/l	100
64) Tetrachloroethene	8.549	164	126783	48.312	ug/l	96
65) Chlorobenzene	9.443	112	417854	48.494	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.529	131	151874	48.771	ug/l	99
67) Ethyl Benzene	9.565	91	774033	51.808	ug/l	97
68) m/p-Xylenes	9.690	106	593789	105.520	ug/l	94
69) o-Xylene	10.095	106	287032	53.585	ug/l	93
70) Styrene	10.108	104	487854	49.153	ug/l	97
71) Bromoform	10.285	173	127336	48.754	ug/l #	100
73) Isopropylbenzene	10.478	105	752922	53.677	ug/l	96
74) N-amyl acetate	10.317	43	359572	56.093	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.777	83	287319	48.550	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	321908	49.597	ug/l	98
77) Bromobenzene	10.777	156	172645	49.462	ug/l	79
78) n-propylbenzene	10.899	91	922466	54.059	ug/l	96
79) 2-Chlorotoluene	10.980	91	542864	52.019	ug/l	92
80) 1,3,5-Trimethylbenzene	11.082	105	637129	53.960	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	90772	53.392	ug/l	96
82) 4-Chlorotoluene	11.092	91	626593	52.640	ug/l	93
83) tert-Butylbenzene	11.417	119	620666	52.740	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	635085	54.561	ug/l	97
85) sec-Butylbenzene	11.639	105	801544	54.010	ug/l	97
86) p-Isopropyltoluene	11.787	119	668255	49.735	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	335078	49.781	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	337146	48.813	ug/l	97
89) n-Butylbenzene	12.205	91	593335	47.658	ug/l	97
90) Hexachloroethane	12.471	117	116963	49.059	ug/l	82
91) 1,2-Dichlorobenzene	12.208	146	335035	50.097	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	64299	50.845	ug/l	77
93) 1,2,4-Trichlorobenzene	13.835	180	208324	53.044	ug/l	99
94) Hexachlorobutadiene	14.015	225	100346	48.478	ug/l	98
95) Naphthalene	14.079	128	683002	51.025	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	205097	52.261	ug/l	98

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

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