

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054266.D
 Acq On : 25 May 2023 14:21
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/26/2023
 Supervised By :Mahesh Dadoda 05/30/2023

Quant Time: May 26 06:24:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:24:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.365	168	198411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	317943	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.410	117	305942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	168573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	13790	5.302	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.600%#		
35) Dibromofluoromethane	5.285	113	9797	4.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	9.560%#		
50) Toluene-d8	7.893	98	38913	4.997	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.000%#		
62) 4-Bromofluorobenzene	10.632	95	14728	4.877	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.760%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	10570	4.772	ug/l	99
3) Chloromethane	1.520	50	14022	4.835	ug/l	98
4) Vinyl Chloride	1.604	62	13299	4.806	ug/l	91
5) Bromomethane	1.854	94	7965	5.200	ug/l	98
6) Chloroethane	1.925	64	6564	4.911	ug/l	97
7) Trichlorofluoromethane	2.131	101	18358	4.822	ug/l	95
8) Diethyl Ether	2.375	74	7250	5.144	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.575	101	10453	5.071	ug/l	99
10) Methyl Iodide	2.719	142	8492	5.610	ug/l #	89
11) Tert butyl alcohol	3.218	59	18008m	25.539	ug/l	
12) 1,1-Dichloroethene	2.571	96	10436	4.890	ug/l	95
13) Acrolein	2.485	56	19391	26.530	ug/l	99
14) Allyl chloride	2.919	41	17655	4.771	ug/l	91
15) Acrylonitrile	3.314	53	37492	23.801	ug/l	99
16) Acetone	2.636	43	32652	21.901	ug/l	99
17) Carbon Disulfide	2.787	76	29651	4.701	ug/l	99
18) Methyl Acetate	2.948	43	27248	5.005	ug/l	90
19) Methyl tert-butyl Ether	3.356	73	33572	4.806	ug/l	93
20) Methylene Chloride	3.044	84	13768	5.119	ug/l	93
21) trans-1,2-Dichloroethene	3.349	96	11577	5.067	ug/l	99
22) Diisopropyl ether	3.986	45	31789	4.847	ug/l	97
23) Vinyl Acetate	3.954	43	111830	23.367	ug/l	98
24) 1,1-Dichloroethane	3.864	63	21729	5.174	ug/l	99
25) 2-Butanone	4.710	43	46094	23.351	ug/l	93
26) 2,2-Dichloropropane	4.658	77	17974	4.897	ug/l	93
27) cis-1,2-Dichloroethene	4.661	96	12787	5.031	ug/l	95
28) Bromochloromethane	4.967	49	10252	5.275	ug/l	85
29) Tetrahydrofuran	5.057	42	31089	25.056	ug/l	93
30) Chloroform	5.083	83	21157	4.956	ug/l	93
31) Cyclohexane	5.375	56	20872	5.683	ug/l #	85
32) 1,1,1-Trichloroethane	5.311	97	18828	5.080	ug/l	96
36) 1,1-Dichloropropene	5.523	75	15894	4.942	ug/l	94
37) Ethyl Acetate	4.806	43	25124	6.410	ug/l #	91
38) Carbon Tetrachloride	5.517	117	16133	4.901	ug/l	98
39) Methylcyclohexane	6.754	83	18088	4.966	ug/l #	89
40) Benzene	5.767	78	46056	5.021	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	8812	4.973	ug/l #	88
42) 1,2-Dichloroethane	5.793	62	16707	5.014	ug/l	98
43) Isopropyl Acetate	5.909	43	27547	5.096	ug/l	98
44) Trichloroethene	6.539	130	12299	4.796	ug/l	93
45) 1,2-Dichloropropane	6.787	63	12136	5.071	ug/l	98
46) Dibromomethane	6.912	93	8879	5.041	ug/l	94
47) Bromodichloromethane	7.102	83	15842	4.809	ug/l	99
48) Methyl methacrylate	6.960	41	11247	4.691	ug/l	93
49) 1,4-Dioxane	6.996	88	6657	96.182	ug/l #	72
51) 4-Methyl-2-Pentanone	7.790	43	85149	23.602	ug/l	98
52) Toluene	7.963	92	28607	4.891	ug/l	98
53) t-1,3-Dichloropropene	8.208	75	17670	4.688	ug/l	97
54) cis-1,3-Dichloropropene	7.603	75	18574	4.722	ug/l	99
55) 1,1,2-Trichloroethane	8.394	97	12267	5.061	ug/l	98
56) Ethyl methacrylate	8.330	69	16901	4.684	ug/l	94
57) 1,3-Dichloropropane	8.571	76	20680	4.954	ug/l	98
59) 2-Hexanone	8.684	43	66950	23.492	ug/l	95
60) Dibromochloromethane	8.803	129	11458	4.653	ug/l	97
61) 1,2-Dibromoethane	8.918	107	13060	4.951	ug/l	99
64) Tetrachloroethene	8.552	164	11412	4.956	ug/l	98
65) Chlorobenzene	9.442	112	31474	4.921	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.529	131	11317	4.877	ug/l	98
67) Ethyl Benzene	9.565	91	51990	4.755	ug/l	96
68) m/p-Xylenes	9.690	106	40174	9.693	ug/l	97
69) o-Xylene	10.095	106	18262	4.552	ug/l	87
70) Styrene	10.111	104	29176	4.385	ug/l	96
71) Bromoform	10.285	173	9663	4.792	ug/l #	93
73) Isopropylbenzene	10.478	105	48794	4.674	ug/l	97
74) N-amyl acetate	10.317	43	19609	4.424	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	21928	5.191	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	23253	4.696	ug/l	99
77) Bromobenzene	10.780	156	13949	4.866	ug/l	90
78) n-propylbenzene	10.902	91	58369	4.564	ug/l	96
79) 2-Chlorotoluene	10.983	91	37745	4.875	ug/l	93
80) 1,3,5-Trimethylbenzene	11.082	105	41061	4.625	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.542	75	5426	4.200	ug/l	96
82) 4-Chlorotoluene	11.095	91	42109	4.635	ug/l	96
83) tert-Butylbenzene	11.413	119	40657	4.579	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	40557	4.592	ug/l	97
85) sec-Butylbenzene	11.639	105	51173	4.543	ug/l	99
86) p-Isopropyltoluene	11.790	119	41516	4.382	ug/l	95
87) 1,3-Dichlorobenzene	11.741	146	26587	4.790	ug/l	97
88) 1,4-Dichlorobenzene	11.831	146	28938	5.088	ug/l	95
89) n-Butylbenzene	12.204	91	40495	4.540	ug/l	98
90) Hexachloroethane	12.471	117	7507	4.478	ug/l	92
91) 1,2-Dichlorobenzene	12.211	146	26861	4.919	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.992	75	4548	4.721	ug/l	92
93) 1,2,4-Trichlorobenzene	13.838	180	16083	5.435	ug/l	95
94) Hexachlorobutadiene	14.015	225	8449	5.665	ug/l	98
95) Naphthalene	14.082	128	48727	5.307	ug/l	99
96) 1,2,3-Trichlorobenzene	14.327	180	16640	5.372	ug/l	97

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

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

