

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011123\
 Data File : VU052649.D
 Acq On : 11 Jan 2023 14:11
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jan 12 03:19:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 12 03:18:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	214879	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.243	114	376291	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	349269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	165034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	19274	5.848	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.700%#		
35) Dibromofluoromethane	5.288	113	13910	5.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.640%#		
50) Toluene-d8	7.893	98	49923	5.267	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.540%#		
62) 4-Bromofluorobenzene	10.629	95	16331	4.540	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.080%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	13459	4.075	ug/l	98
3) Chloromethane	1.520	50	21223	4.633	ug/l	100
4) Vinyl Chloride	1.604	62	16837	4.919	ug/l	98
5) Bromomethane	1.858	94	10915	8.691	ug/l	96
6) Chloroethane	1.932	64	10387	6.100	ug/l	96
7) Trichlorofluoromethane	2.134	101	22522	5.147	ug/l	100
8) Diethyl Ether	2.375	74	8728	5.364	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.575	101	13493	5.632	ug/l	90
10) Methyl Iodide	2.719	142	11899	5.255	ug/l	# 90
11) Tert butyl alcohol	3.295	59	18635m	24.572	ug/l	
12) 1,1-Dichloroethene	2.578	96	13402	5.684	ug/l	92
13) Acrolein	2.488	56	24195	42.367	ug/l	100
14) Allyl chloride	2.922	41	24881	5.236	ug/l	# 88
15) Acrylonitrile	3.321	53	46866	25.338	ug/l	98
16) Acetone	2.642	43	45374	26.602	ug/l	99
17) Carbon Disulfide	2.790	76	40924	5.523	ug/l	99
18) Methyl Acetate	2.951	43	27950	6.034	ug/l	# 88
19) Methyl tert-butyl Ether	3.359	73	44175	5.081	ug/l	95
20) Methylene Chloride	3.041	84	19633	6.305	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	13628	5.352	ug/l	85
22) Diisopropyl ether	3.986	45	48185	5.295	ug/l	# 94
23) Vinyl Acetate	3.954	43	178495	22.812	ug/l	95
24) 1,1-Dichloroethane	3.864	63	29300	5.609	ug/l	98
25) 2-Butanone	4.710	43	60457	24.111	ug/l	94
26) 2,2-Dichloropropane	4.658	77	22064	5.137	ug/l	97
27) cis-1,2-Dichloroethene	4.665	96	16102	5.499	ug/l	92
28) Bromochloromethane	4.970	49	13387	5.823	ug/l	# 67
29) Tetrahydrofuran	5.057	42	36624	21.733	ug/l	# 85
30) Chloroform	5.083	83	30664	5.961	ug/l	100
31) Cyclohexane	5.382	56	29982	5.953	ug/l	# 91
32) 1,1,1-Trichloroethane	5.311	97	23789	5.410	ug/l	94
36) 1,1-Dichloropropene	5.523	75	20321	5.247	ug/l	93
37) Ethyl Acetate	4.803	43	26357	5.210	ug/l	97
38) Carbon Tetrachloride	5.520	117	19171	4.841	ug/l	93
39) Methylcyclohexane	6.758	83	20932	4.545	ug/l	# 85
40) Benzene	5.771	78	61952	5.327	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

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Quant Time: Jan 12 03:19:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	11816	4.532	ug/l #	86
42) 1,2-Dichloroethane	5.790	62	22749	5.304	ug/l	98
43) Isopropyl Acetate	5.909	43	32094	4.254	ug/l #	96
44) Trichloroethene	6.539	130	14083	5.102	ug/l	89
45) 1,2-Dichloropropane	6.787	63	16187	5.019	ug/l	100
46) Dibromomethane	6.915	93	10350	4.895	ug/l	88
47) Bromodichloromethane	7.102	83	22059	5.362	ug/l #	98
48) Methyl methacrylate	6.957	41	14167	4.023	ug/l	90
49) 1,4-Dioxane	7.038	88	5972m	67.720	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	105232	20.910	ug/l	94
52) Toluene	7.967	92	34626	4.983	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	21711	4.908	ug/l	99
54) cis-1,3-Dichloropropene	7.603	75	23006	4.852	ug/l	99
55) 1,1,2-Trichloroethane	8.398	97	15316	5.406	ug/l	97
56) Ethyl methacrylate	8.330	69	18845	4.022	ug/l	89
57) 1,3-Dichloropropane	8.571	76	26476	5.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.462	63	3169	11.752	ug/l #	84
59) 2-Hexanone	8.687	43	77824	19.625	ug/l	90
60) Dibromochloromethane	8.806	129	15127	5.156	ug/l	97
61) 1,2-Dibromoethane	8.919	107	14731	4.783	ug/l	97
64) Tetrachloroethene	8.549	164	11498	5.086	ug/l	94
65) Chlorobenzene	9.443	112	37433	5.191	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	13800	5.133	ug/l	98
67) Ethyl Benzene	9.568	91	58704	4.446	ug/l	96
68) m/p-Xylenes	9.690	106	44244	8.980	ug/l	96
69) o-Xylene	10.095	106	21153	4.370	ug/l	97
70) Styrene	10.111	104	33507	4.285	ug/l	97
71) Bromoform	10.285	173	10819	4.748	ug/l #	95
73) Isopropylbenzene	10.481	105	53325	4.553	ug/l	99
74) N-amyl acetate	10.317	43	23486	3.892	ug/l	92
75) 1,1,2,2-Tetrachloroethane	10.777	83	25876	5.291	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	26668	4.858	ug/l	98
77) Bromobenzene	10.780	156	14421	5.062	ug/l	82
78) n-propylbenzene	10.902	91	61659	4.310	ug/l	96
79) 2-Chlorotoluene	10.983	91	40313	4.604	ug/l	93
80) 1,3,5-Trimethylbenzene	11.086	105	42802	4.201	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.542	75	5775	3.907	ug/l #	86
82) 4-Chlorotoluene	11.092	91	46811	4.722	ug/l	94
83) tert-Butylbenzene	11.417	119	43940	4.396	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	41618	4.160	ug/l	94
85) sec-Butylbenzene	11.639	105	54015	4.278	ug/l	98
86) p-Isopropyltoluene	11.787	119	43113	4.195	ug/l	96
87) 1,3-Dichlorobenzene	11.742	146	27323	4.980	ug/l	96
88) 1,4-Dichlorobenzene	11.832	146	27821	5.006	ug/l	89
89) n-Butylbenzene	12.205	91	38441	4.018	ug/l	97
90) Hexachloroethane	12.471	117	9291	4.610	ug/l	87
91) 1,2-Dichlorobenzene	12.211	146	27324	4.960	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.992	75	5047	4.098	ug/l	78
93) 1,2,4-Trichlorobenzene	13.835	180	13547	3.551	ug/l	96
94) Hexachlorobutadiene	14.015	225	8105	4.776	ug/l	96
95) Naphthalene	14.082	128	37776	2.613	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	14162	3.574	ug/l	96

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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

