

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054268.D
 Acq On : 25 May 2023 15:08
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: May 26 06:01:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 05:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.366	168	201885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	324604	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	318524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	180584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	132025	49.886	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.780%		
35) Dibromofluoromethane	5.282	113	105303	50.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	7.893	98	387682	48.758	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	10.626	95	149428	48.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	119375	52.968	ug/l	98
3) Chloromethane	1.520	50	146147	49.525	ug/l	99
4) Vinyl Chloride	1.604	62	146911	52.177	ug/l	97
5) Bromomethane	1.854	94	77945	50.009	ug/l	100
6) Chloroethane	1.928	64	68899	50.662	ug/l	98
7) Trichlorofluoromethane	2.131	101	188856	48.754	ug/l	97
8) Diethyl Ether	2.372	74	72487	50.548	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.575	101	104418	49.787	ug/l	96
10) Methyl Iodide	2.716	142	127589	50.749	ug/l	94
11) Tert butyl alcohol	3.263	59	183398m	255.620	ug/l	
12) 1,1-Dichloroethene	2.575	96	106459	49.024	ug/l	96
13) Acrolein	2.485	56	184060	247.495	ug/l	99
14) Allyl chloride	2.919	41	192321	51.078	ug/l	88
15) Acrylonitrile	3.311	53	415654	259.328	ug/l	99
16) Acetone	2.636	43	370894	244.492	ug/l	98
17) Carbon Disulfide	2.787	76	309108	48.165	ug/l	100
18) Methyl Acetate	2.944	43	285139	51.478	ug/l	94
19) Methyl tert-butyl Ether	3.356	73	362007	50.927	ug/l	100
20) Methylene Chloride	3.041	84	132178	48.297	ug/l	93
21) trans-1,2-Dichloroethene	3.346	96	116269	50.010	ug/l	96
22) Diisopropyl ether	3.983	45	349427	52.360	ug/l #	79
23) Vinyl Acetate	3.948	43	1318541	270.769	ug/l	98
24) 1,1-Dichloroethane	3.861	63	217094	50.804	ug/l	99
25) 2-Butanone	4.700	43	533263	265.502	ug/l	99
26) 2,2-Dichloropropane	4.658	77	186669	49.986	ug/l	99
27) cis-1,2-Dichloroethene	4.658	96	132040	51.054	ug/l	95
28) Bromochloromethane	4.967	49	101919	51.541	ug/l	85
29) Tetrahydrofuran	5.047	42	335158	265.470	ug/l	94
30) Chloroform	5.079	83	216442	49.828	ug/l	97
31) Cyclohexane	5.382	56	181082	48.457	ug/l	94
32) 1,1,1-Trichloroethane	5.308	97	190709	50.570	ug/l	99
36) 1,1-Dichloropropene	5.520	75	156918	47.793	ug/l	99
37) Ethyl Acetate	4.796	43	193089	48.255	ug/l #	93
38) Carbon Tetrachloride	5.517	117	167524	49.850	ug/l	99
39) Methylcyclohexane	6.758	83	185784	49.957	ug/l	92
40) Benzene	5.767	78	474342	50.649	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	98710	54.560	ug/l	93
42) 1,2-Dichloroethane	5.787	62	171133	50.302	ug/l	100
43) Isopropyl Acetate	5.903	43	279237	50.593	ug/l	98
44) Trichloroethene	6.536	130	126643	48.375	ug/l	90
45) 1,2-Dichloropropane	6.784	63	123653	50.613	ug/l	98
46) Dibromomethane	6.912	93	90448	50.294	ug/l	94
47) Bromodichloromethane	7.099	83	170936	50.826	ug/l	100
48) Methyl methacrylate	6.954	41	129605	52.950	ug/l	95
49) 1,4-Dioxane	7.002	88	73855	1045.182	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	966593	262.428	ug/l	100
52) Toluene	7.964	92	301998	50.573	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	198144	51.496	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	207922	51.780	ug/l	100
55) 1,1,2-Trichloroethane	8.394	97	121748	49.196	ug/l	99
56) Ethyl methacrylate	8.327	69	197666	53.658	ug/l	97
57) 1,3-Dichloropropane	8.568	76	216173	50.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	49811	210.899	ug/l	98
59) 2-Hexanone	8.681	43	761379	261.678	ug/l	100
60) Dibromochloromethane	8.803	129	130334	51.836	ug/l	99
61) 1,2-Dibromoethane	8.918	107	136738	50.768	ug/l	98
64) Tetrachloroethene	8.549	164	122013	50.896	ug/l	97
65) Chlorobenzene	9.443	112	322984	48.504	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	123229	51.012	ug/l	97
67) Ethyl Benzene	9.565	91	575709	50.570	ug/l	98
68) m/p-Xylenes	9.687	106	444152	102.927	ug/l	92
69) o-Xylene	10.095	106	215797	51.660	ug/l	92
70) Styrene	10.108	104	369244	53.302	ug/l	97
71) Bromoform	10.285	173	109581	52.201	ug/l #	100
73) Isopropylbenzene	10.478	105	562958	50.337	ug/l	98
74) N-amyl acetate	10.314	43	238476	50.219	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.777	83	219569	48.520	ug/l	100
76) 1,2,3-Trichloropropane	10.819	75	260201	49.053	ug/l	98
77) Bromobenzene	10.777	156	150585	49.032	ug/l	92
78) n-propylbenzene	10.899	91	691877	50.502	ug/l	98
79) 2-Chlorotoluene	10.979	91	414473	49.970	ug/l	95
80) 1,3,5-Trimethylbenzene	11.082	105	490822	51.606	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.539	75	70468	50.913	ug/l	99
82) 4-Chlorotoluene	11.092	91	481284	49.454	ug/l	96
83) tert-Butylbenzene	11.414	119	473568	49.793	ug/l	94
84) 1,2,4-Trimethylbenzene	11.462	105	485440	51.303	ug/l	98
85) sec-Butylbenzene	11.639	105	610540	50.592	ug/l	99
86) p-Isopropyltoluene	11.787	119	513335	50.574	ug/l	98
87) 1,3-Dichlorobenzene	11.738	146	285468	48.006	ug/l	98
88) 1,4-Dichlorobenzene	11.832	146	289122	47.455	ug/l	99
89) n-Butylbenzene	12.201	91	462612	48.418	ug/l	99
90) Hexachloroethane	12.471	117	86361	48.094	ug/l	94
91) 1,2-Dichlorobenzene	12.208	146	284850	48.692	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	54757	53.056	ug/l	88
93) 1,2,4-Trichlorobenzene	13.835	180	195009	47.049	ug/l	99
94) Hexachlorobutadiene	14.015	225	90098	46.857	ug/l	98
95) Naphthalene	14.079	128	631488	47.401	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	198530	48.285	ug/l	98

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

