

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052523\
 Data File : VU054269.D
 Acq On : 25 May 2023 15:36
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: May 26 06:01:47 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	5.369	168	205955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	326573	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	320320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	181779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	267674	99.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 198.280%#	
35) Dibromofluoromethane	5.282	113	216973	103.170	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 206.340%#	
50) Toluene-d8	7.893	98	824953	103.127	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 206.260%#	
62) 4-Bromofluorobenzene	10.629	95	324862	104.737	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 209.480%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	254339	110.623	ug/l	98
3) Chloromethane	1.520	50	298220	99.060	ug/l	97
4) Vinyl Chloride	1.604	62	298101	103.781	ug/l	99
5) Bromomethane	1.854	94	163144	102.604	ug/l	99
6) Chloroethane	1.928	64	143021	103.086	ug/l	97
7) Trichlorofluoromethane	2.131	101	399785	101.167	ug/l	98
8) Diethyl Ether	2.372	74	152939	104.543	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.575	101	223106	104.276	ug/l	97
10) Methyl Iodide	2.719	142	264553	100.740	ug/l	93
11) Tert butyl alcohol	3.253	59	370469	506.156	ug/l #	37
12) 1,1-Dichloroethene	2.575	96	215380	97.222	ug/l	94
13) Acrolein	2.485	56	392968	517.959	ug/l	99
14) Allyl chloride	2.919	41	386056	100.506	ug/l	88
15) Acrylonitrile	3.311	53	838578	512.854	ug/l	99
16) Acetone	2.636	43	814139	526.071	ug/l	100
17) Carbon Disulfide	2.790	76	651612	99.526	ug/l	99
18) Methyl Acetate	2.944	43	562526	99.550	ug/l	96
19) Methyl tert-butyl Ether	3.359	73	742207	102.350	ug/l	100
20) Methylene Chloride	3.041	84	259266	92.862	ug/l	94
21) trans-1,2-Dichloroethene	3.346	96	234813	99.003	ug/l	96
22) Diisopropyl ether	3.986	45	692286	101.687	ug/l #	72
23) Vinyl Acetate	3.948	43	2666406	536.739	ug/l	98
24) 1,1-Dichloroethane	3.864	63	435371	99.871	ug/l	100
25) 2-Butanone	4.700	43	1107094	540.309	ug/l	99
26) 2,2-Dichloropropane	4.658	77	385438	101.173	ug/l	99
27) cis-1,2-Dichloroethene	4.661	96	266588	101.040	ug/l	96
28) Bromochloromethane	4.967	49	203100	100.679	ug/l	86
29) Tetrahydrofuran	5.047	42	670467	520.565	ug/l	95
30) Chloroform	5.083	83	436778	98.565	ug/l	100
31) Cyclohexane	5.382	56	377256	98.958	ug/l	92
32) 1,1,1-Trichloroethane	5.311	97	389033	101.122	ug/l	99
36) 1,1-Dichloropropene	5.520	75	326915	98.969	ug/l	98
37) Ethyl Acetate	4.796	43	388956	96.619	ug/l #	93
38) Carbon Tetrachloride	5.520	117	344118	101.781	ug/l	99
39) Methylcyclohexane	6.758	83	410505	109.720	ug/l	93
40) Benzene	5.767	78	951928	101.032	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	203336	111.712	ug/l	93
42) 1,2-Dichloroethane	5.787	62	344415	100.626	ug/l	98
43) Isopropyl Acetate	5.906	43	570789	102.793	ug/l	98
44) Trichloroethene	6.536	130	258874	98.289	ug/l	92
45) 1,2-Dichloropropane	6.783	63	249756	101.612	ug/l	100
46) Dibromomethane	6.912	93	184071	101.737	ug/l	95
47) Bromodichloromethane	7.099	83	347278	102.636	ug/l	99
48) Methyl methacrylate	6.954	41	269695	109.520	ug/l	94
49) 1,4-Dioxane	7.002	88	148814	2093.289	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	1958067	528.407	ug/l	100
52) Toluene	7.963	92	612512	101.953	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	412172	106.474	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	430525	106.569	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	250718	100.699	ug/l	97
56) Ethyl methacrylate	8.330	69	415574	112.131	ug/l	96
57) 1,3-Dichloropropane	8.571	76	436041	101.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	134706	566.905	ug/l	98
59) 2-Hexanone	8.680	43	1566781	535.240	ug/l	100
60) Dibromochloromethane	8.806	129	269946	106.715	ug/l	100
61) 1,2-Dibromoethane	8.918	107	279109	103.003	ug/l	100
64) Tetrachloroethene	8.549	164	255954	106.170	ug/l	94
65) Chlorobenzene	9.443	112	673323	100.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.529	131	250750	103.219	ug/l	97
67) Ethyl Benzene	9.565	91	1215520	106.172	ug/l	98
68) m/p-Xylenes	9.690	106	931828	214.729	ug/l	93
69) o-Xylene	10.095	106	453841	108.036	ug/l	93
70) Styrene	10.108	104	777827	111.652	ug/l	97
71) Bromoform	10.285	173	229010	108.482	ug/l	100
73) Isopropylbenzene	10.478	105	1192801	105.953	ug/l	98
74) N-amyl acetate	10.317	43	507273	106.120	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.777	83	441549	96.931	ug/l	98
76) 1,2,3-Trichloropropane	10.819	75	534771	100.153	ug/l	99
77) Bromobenzene	10.777	156	313385	101.371	ug/l	92
78) n-propylbenzene	10.902	91	1480274	107.338	ug/l	98
79) 2-Chlorotoluene	10.983	91	856921	102.634	ug/l	96
80) 1,3,5-Trimethylbenzene	11.082	105	1044494	109.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.542	75	152057	109.139	ug/l	98
82) 4-Chlorotoluene	11.092	91	1013288	103.435	ug/l	96
83) tert-Butylbenzene	11.417	119	1000783	104.536	ug/l	93
84) 1,2,4-Trimethylbenzene	11.462	105	1044709	109.683	ug/l	98
85) sec-Butylbenzene	11.639	105	1324052	108.995	ug/l	100
86) p-Isopropyltoluene	11.790	119	1131305	110.723	ug/l	98
87) 1,3-Dichlorobenzene	11.741	146	602582	100.667	ug/l	98
88) 1,4-Dichlorobenzene	11.831	146	610031	99.469	ug/l	99
89) n-Butylbenzene	12.204	91	1050783	109.255	ug/l	98
90) Hexachloroethane	12.471	117	191945	106.191	ug/l	92
91) 1,2-Dichlorobenzene	12.208	146	588893	100.004	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	113308	109.067	ug/l	92
93) 1,2,4-Trichlorobenzene	13.835	180	437263	102.787	ug/l	99
94) Hexachlorobutadiene	14.015	225	204507	104.629	ug/l	99
95) Naphthalene	14.079	128	1393538	101.513	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	428744	102.153	ug/l	99

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

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