

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045553.D
 Acq On : 05 Nov 2021 12:06
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 05 12:37:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 12:21:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	139752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	240062	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	238554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	128136	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	202111	88.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 177.660%#	
35) Dibromofluoromethane	5.292	113	157749	103.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 206.700%#	
50) Toluene-d8	7.903	98	606126	101.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 202.520%#	
62) 4-Bromofluorobenzene	10.636	95	247562	108.536	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 217.080%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.382	85	191146	102.944	ug/l	99
3) Chloromethane	1.520	50	201929	72.614	ug/l	99
4) Vinyl Chloride	1.604	62	207819	90.021	ug/l	100
5) Bromomethane	1.835	94	122635	87.505	ug/l	100
6) Chloroethane	1.922	64	125452	90.195	ug/l	98
7) Trichlorofluoromethane	2.134	101	271183	104.918	ug/l	100
8) Diethyl Ether	2.376	74	106093	88.531	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	158767	102.240	ug/l	96
10) Methyl Iodide	2.723	142	215670	175.132	ug/l	94
11) Tert butyl alcohol	3.183	59	206564	420.607	ug/l	100
12) 1,1-Dichloroethene	2.578	96	154798	96.952	ug/l	98
13) Acrolein	2.485	56	31095	282.895	ug/l	99
14) Allyl chloride	2.922	41	281250	95.930	ug/l	99
15) Acrylonitrile	3.311	53	571146	479.675	ug/l	98
16) Acetone	2.623	43	542003	524.734	ug/l	99
17) Carbon Disulfide	2.793	76	433334	93.260	ug/l	100
18) Methyl Acetate	2.945	43	361359	93.947	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	569253	96.902	ug/l	98
20) Methylene Chloride	3.044	84	179319	87.122	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	164411	95.556	ug/l	99
22) Diisopropyl ether	3.996	45	553140	96.480	ug/l	89
23) Vinyl Acetate	3.957	43	2201828	495.103	ug/l	100
24) 1,1-Dichloroethane	3.871	63	324098	96.469	ug/l	100
25) 2-Butanone	4.700	43	759693	487.197	ug/l	99
26) 2,2-Dichloropropane	4.668	77	281663	108.218	ug/l	99
27) cis-1,2-Dichloroethene	4.668	96	192873	97.416	ug/l	99
28) Bromochloromethane	4.977	49	150250	90.668	ug/l	98
29) Tetrahydrofuran	5.047	42	452661	447.630	ug/l	99
30) Chloroform	5.092	83	316675	97.212	ug/l	99
31) Cyclohexane	5.391	56	297086	87.704	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	280053	104.752	ug/l	97
36) 1,1-Dichloropropene	5.530	75	242637	106.178	ug/l	99
37) Ethyl Acetate	4.803	43	274019	99.011	ug/l	99
38) Carbon Tetrachloride	5.527	117	243197	122.025	ug/l	99
39) Methylcyclohexane	6.768	83	312549	109.985	ug/l	96
40) Benzene	5.777	78	693648	100.837	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	151480	103.424	ug/l	99
42) 1,2-Dichloroethane	5.797	62	253290	100.255	ug/l	99
43) Isopropyl Acetate	5.912	43	439997	105.494	ug/l	99
44) Trichloroethene	6.546	130	172293	108.065	ug/l	99
45) 1,2-Dichloropropane	6.793	63	191017	105.514	ug/l	97
46) Dibromomethane	6.919	93	130041	110.321	ug/l	98
47) Bromodichloromethane	7.108	83	255595	110.178	ug/l	97
48) Methyl methacrylate	6.961	41	204626	103.509	ug/l	97
49) 1,4-Dioxane	6.964	88	96005	1910.880	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	1462111	542.379	ug/l	100
52) Toluene	7.973	92	452275	108.158	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	307561	116.321	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	318547	112.495	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	182928	107.096	ug/l	99
56) Ethyl methacrylate	8.337	69	315732	116.021	ug/l	97
57) 1,3-Dichloropropane	8.578	76	325518	107.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.469	63	821218	524.526	ug/l	99
59) 2-Hexanone	8.687	43	1181396	565.634	ug/l	99
60) Dibromochloromethane	8.813	129	199272	121.562	ug/l	99
61) 1,2-Dibromoethane	8.928	107	198113	110.733	ug/l	100
64) Tetrachloroethene	8.555	164	141547	103.802	ug/l	98
65) Chlorobenzene	9.449	112	474400	104.887	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	172234	112.867	ug/l	99
67) Ethyl Benzene	9.575	91	888789	107.273	ug/l	100
68) m/p-Xylenes	9.697	106	678443	216.929	ug/l	99
69) o-Xylene	10.105	106	332296	108.964	ug/l	100
70) Styrene	10.118	104	574051	112.239	ug/l	99
71) Bromoform	10.295	173	158109	128.178	ug/l #	100
73) Isopropylbenzene	10.488	105	882835	102.179	ug/l	100
74) N-amyl acetate	10.321	43	419271	105.783	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	333303	97.197	ug/l	100
76) 1,2,3-Trichloropropane	10.829	75	402471	117.887	ug/l	92
77) Bromobenzene	10.784	156	207456	102.908	ug/l	96
78) n-propylbenzene	10.909	91	1098044	104.825	ug/l	100
79) 2-Chlorotoluene	10.989	91	640990	101.663	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	778248	107.046	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	122363	108.678	ug/l	93
82) 4-Chlorotoluene	11.099	91	757863	105.701	ug/l	100
83) tert-Butylbenzene	11.423	119	759257	108.191	ug/l	98
84) 1,2,4-Trimethylbenzene	11.472	105	785992	107.898	ug/l	100
85) sec-Butylbenzene	11.645	105	994630	108.004	ug/l	100
86) p-Isopropyltoluene	11.796	119	838429	112.495	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	414084	104.057	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	420919	103.437	ug/l	100
89) n-Butylbenzene	12.211	91	816461	114.130	ug/l	99
90) Hexachloroethane	12.478	117	153453	116.741	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	404583	101.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	84445	102.527	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	293506	110.118	ug/l	99
94) Hexachlorobutadiene	14.025	225	124607	128.398	ug/l	99
95) Naphthalene	14.089	128	1060378	109.971	ug/l	99
96) 1,2,3-Trichlorobenzene	14.333	180	289982	107.934	ug/l	99

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

