

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049951.D
 Acq On : 27 Jul 2022 16:00
 Operator : SY/MD
 Sample : VSTD0.544
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5044

Quant Time: Jul 28 03:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	101031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	96880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	4009	0.451	ug/L	0.00
7) Chloroethane-d5	1.909	69	3018	0.499	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.559	65	1291	0.370	ug/L	0.00
20) 2-Butanone-d5	4.636	46	7773	3.357	ug/L	0.00
24) Chloroform-d	5.063	84	6743	0.482	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	3625	0.481	ug/L	0.00
32) Benzene-d6	5.726	84	12936	0.441	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	4324	0.440	ug/L	0.00
41) Toluene-d8	7.899	98	10880	0.413	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	1133	0.268	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	3848	2.272	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	3629	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	3775	0.495	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	3354	0.391	ug/L	98
3) Chloromethane	1.520	50	5017	0.535	ug/L	96
5) Vinyl chloride	1.604	62	3732	0.435	ug/L	93
6) Bromomethane	1.855	94	2368	0.507	ug/L	87
8) Chloroethane	1.932	64	2292	0.461	ug/L	93
9) Trichlorofluoromethane	2.137	101	4387	0.435	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2620	0.440	ug/L	98
12) 1,1-Dichloroethene	2.578	96	2309	0.405	ug/L	86
13) Acetone	2.633	43	8846	7.527	ug/L	99
14) Carbon disulfide	2.790	76	9397	0.515	ug/L	99
15) Methyl Acetate	2.961	43	1167	0.383	ug/L #	73
17) Methyl tert-butyl Ether	3.366	73	6345	0.378	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	2683	0.428	ug/L	97
19) 1,1-Dichloroethane	3.867	63	5551	0.447	ug/L	98
21) 2-Butanone	4.719	43	7644	3.481	ug/L	90
22) cis-1,2-Dichloroethene	4.668	96	3094	0.433	ug/L	98
23) Bromochloromethane	4.973	128	1403	0.454	ug/L	91
27) 1,2-Dichloroethane	5.796	62	3632	0.447	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	4397	0.387	ug/L	99
30) Cyclohexane	5.385	56	3255	0.262	ug/L	96
31) Carbon tetrachloride	5.530	117	3624	0.382	ug/L	97
33) Benzene	5.777	78	12063	0.420	ug/L	100
34) Trichloroethene	6.542	95	2978	0.410	ug/L	94
35) Methylcyclohexane	6.764	83	3355	0.284	ug/L	95
37) 1,2-Dichloropropane	6.793	63	3480	0.440	ug/L #	94
38) Bromodichloromethane	7.108	83	4102	0.427	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	4101	0.354	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	17458	3.095	ug/L	98
42) Toluene	7.970	91	11482	0.378	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	3403	0.338	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	2574	0.458	ug/L	97
47) Tetrachloroethene	8.555	164	2256	0.448	ug/L	96

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49) Dibromochloromethane	8.809	129	2647	0.418	ug/L	88
50) 1,2-Dibromoethane	8.928	107	2179	0.426	ug/L #	97
51) Chlorobenzene	9.446	112	8080	0.435	ug/L	97
52) Ethylbenzene	9.571	91	10899	0.336	ug/L	100
53) m,p-Xylene	9.693	106	4022	0.333	ug/L	97
54) o-Xylene	10.099	106	3480	0.290	ug/L	83
55) Styrene	10.115	104	6035	0.299	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.783	83	3269	0.441	ug/L	89
59) Bromoform	10.291	173	1535	0.508	ug/L #	83
60) Isopropylbenzene	10.484	105	9445	0.356	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	2249	0.498	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	7692	0.334	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	7126	0.314	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	5107	0.440	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	5208	0.454	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	5100	0.459	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	381	0.323	ug/L #	73
69) 1,3,5-Trichlorobenzene	13.221	180	3754	0.439	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	3136	0.461	ug/L	94
71) Naphthalene	14.089	128	5861	0.436	ug/L	96
72) 1,2,3-Trichlorobenzene	14.330	180	2998	0.464	ug/L	98

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

