

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091923\
 Data File : VU055392.D
 Acq On : 19 Sep 2023 14:53
 Operator : MD/SY
 Sample : VSTD01064
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010064

Quant Time: Sep 20 05:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 20 05:24:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	263259	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	279016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	160142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	269108	15.650	ug/L	0.00
7) Chloroethane-d5	1.911	69	233767	13.044	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	109031	16.870	ug/L	0.00
20) 2-Butanone-d5	4.624	46	505556	118.615	ug/L	0.00
24) Chloroform-d	5.058	84	498099	13.732	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	239600	13.235	ug/L	0.00
32) Benzene-d6	5.724	84	998471	15.126	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	295972	13.691	ug/L	0.00
41) Toluene-d8	7.894	98	936464	16.129	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	111029	14.355	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	348179	131.989	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	224290	12.420	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	323815	14.247	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	246888	9.856	ug/L	99
3) Chloromethane	1.515	50	212877	9.054	ug/L	99
5) Vinyl chloride	1.602	62	234433	9.181	ug/L	99
6) Bromomethane	1.856	94	153206	8.091	ug/L	99
8) Chloroethane	1.930	64	150491	7.606	ug/L	98
9) Trichlorofluoromethane	2.136	101	316415	8.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	197983	9.620	ug/L	99
12) 1,1-Dichloroethene	2.576	96	182583	9.924	ug/L	99
13) Acetone	2.640	43	248103	92.283	ug/L	98
14) Carbon disulfide	2.788	76	549202	9.572	ug/L	99
15) Methyl Acetate	2.952	43	58816	9.286	ug/L	100
16) Methylene chloride	3.039	84	207346	7.637	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	395366	9.153	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	183007	9.207	ug/L	98
19) 1,1-Dichloroethane	3.865	63	335011	8.761	ug/L	97
21) 2-Butanone	4.705	43	391711	89.988	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	202633	8.737	ug/L	99
23) Bromochloromethane	4.972	128	86035	9.074	ug/L	99
25) Chloroform	5.084	83	356481	8.597	ug/L	99
27) 1,2-Dichloroethane	5.791	62	215502	8.422	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	304568	8.822	ug/L	98
30) Cyclohexane	5.386	56	294539	9.134	ug/L	99
31) Carbon tetrachloride	5.521	117	264389	8.921	ug/L	97
33) Benzene	5.769	78	789245	8.824	ug/L	100
34) Trichloroethene	6.537	95	213397	8.389	ug/L	99
35) Methylcyclohexane	6.759	83	324505	8.819	ug/L	99
37) 1,2-Dichloropropane	6.788	63	201789	8.668	ug/L	100
38) Bromodichloromethane	7.103	83	242973	8.682	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	289401	9.028	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	957334	86.775	ug/L	99
42) Toluene	7.965	91	859131	8.834	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	230344	9.166	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	142655	8.701	ug/L	99
47) Tetrachloroethene	8.550	164	161448	9.096	ug/L	99
48) 2-Hexanone	8.679	43	748533	90.082	ug/L	98
49) Dibromochloromethane	8.807	129	154341	9.208	ug/L	95
50) 1,2-Dibromoethane	8.920	107	133003	8.783	ug/L #	100
51) Chlorobenzene	9.444	112	531793	8.476	ug/L	100
52) Ethylbenzene	9.566	91	929531	8.767	ug/L	98
53) m,p-Xylene	9.692	106	357527	8.927	ug/L	100
54) o-Xylene	10.097	106	344857	9.097	ug/L	95
55) Styrene	10.110	104	583378	9.176	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.778	83	165061	9.170	ug/L	99
59) Bromoform	10.286	173	83897	9.139	ug/L	100
60) Isopropylbenzene	10.483	105	925131	8.297	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	116209	7.761	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	761740	8.852	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	743742	8.555	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	426207	8.211	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	424965	8.401	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	391869	8.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	23529	9.171	ug/L	95
69) 1,3,5-Trichlorobenzene	13.216	180	299249	8.411	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	234388	8.514	ug/L	99
71) Naphthalene	14.084	128	352435	8.882	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	208453	8.682	ug/L	99

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

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