

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102423\
 Data File : VU055863.D
 Acq On : 24 Oct 2023 10:48
 Operator : MD/SY
 Sample : VSTD01070
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010070

Quant Time: Oct 25 05:02:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 04:59:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	368038	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	363716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	193361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	303847	20.446	ug/L	0.00
7) Chloroethane-d5	1.911	69	238398	14.361	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	129496	16.828	ug/L	0.00
20) 2-Butanone-d5	4.628	46	572017	93.486	ug/L	0.00
24) Chloroform-d	5.055	84	576902	12.805	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	275835	11.750	ug/L	0.00
32) Benzene-d6	5.721	84	1147331	13.210	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	341972	11.638	ug/L	0.00
41) Toluene-d8	7.894	98	1063959	12.910	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	135490	13.586	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	379096	89.287	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	250212	10.221	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	376211	11.910	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	216420	9.671	ug/L	98
3) Chloromethane	1.515	50	205234	8.851	ug/L	98
5) Vinyl chloride	1.602	62	227087	9.442	ug/L	97
6) Bromomethane	1.856	94	140941	9.361	ug/L	96
8) Chloroethane	1.930	64	134735	8.614	ug/L	99
9) Trichlorofluoromethane	2.136	101	315143	9.251	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	212439	11.055	ug/L	99
12) 1,1-Dichloroethene	2.576	96	184809	10.992	ug/L	96
13) Acetone	2.644	43	310287	92.030	ug/L	99
14) Carbon disulfide	2.788	76	477591	10.425	ug/L	99
15) Methyl Acetate	2.952	43	64775	9.558	ug/L	96
16) Methylene chloride	3.039	84	203843	8.033	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	458859	9.630	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	185486	10.224	ug/L	99
19) 1,1-Dichloroethane	3.862	63	378056	10.043	ug/L	97
21) 2-Butanone	4.708	43	481212	93.731	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	224377	10.557	ug/L	95
23) Bromochloromethane	4.968	128	92559	10.015	ug/L	99
25) Chloroform	5.081	83	403900	9.811	ug/L	100
27) 1,2-Dichloroethane	5.788	62	235849	9.366	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	349330	9.774	ug/L	99
30) Cyclohexane	5.383	56	308096	9.921	ug/L	97
31) Carbon tetrachloride	5.521	117	296278	9.759	ug/L	98
33) Benzene	5.769	78	849716	10.014	ug/L	100
34) Trichloroethene	6.537	95	230670	9.862	ug/L	99
35) Methylcyclohexane	6.759	83	335461	9.815	ug/L	98
37) 1,2-Dichloropropane	6.785	63	222606	9.502	ug/L	99
38) Bromodichloromethane	7.100	83	282290	9.675	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	336682	10.020	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	1132878	88.388	ug/L	100
42) Toluene	7.965	91	907711	9.730	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	270441	9.758	ug/L	99

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45) 1,1,2-Trichloroethane	8.396	97	156982	9.915	ug/L	98
47) Tetrachloroethene	8.550	164	165172	9.792	ug/L	98
48) 2-Hexanone	8.682	43	918063	95.311	ug/L	99
49) Dibromochloromethane	8.804	129	176380	9.532	ug/L	97
50) 1,2-Dibromoethane	8.920	107	146636	9.630	ug/L	99
51) Chlorobenzene	9.444	112	572876	9.438	ug/L	99
52) Ethylbenzene	9.566	91	1023563	9.770	ug/L	100
53) m,p-Xylene	9.688	106	397030	10.108	ug/L	97
54) o-Xylene	10.097	106	380580	10.058	ug/L	99
55) Styrene	10.110	104	646809	10.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	182718	9.361	ug/L	96
59) Bromoform	10.286	173	101216	10.477	ug/L	98
60) Isopropylbenzene	10.479	105	1038952	10.209	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	130887	9.246	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	862188	9.989	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	823823	10.299	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	477900	10.058	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	473734	9.975	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	435805	10.092	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	25925	9.673	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	328242	10.341	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	253164	10.312	ug/L	99
71) Naphthalene	14.084	128	369184	10.001	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	216931	10.563	ug/L	98

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

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