

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060013.D
 Acq On : 18 Jul 2024 12:48
 Operator : MD/SY
 Sample : VSTD02078
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020078

Quant Time: Jul 19 01:04:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 19 01:02:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156228	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	88742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	209636	19.321	ug/L	0.00
7) Chloroethane-d5	1.907	69	201115	19.371	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	83310	18.631	ug/L	0.00
20) 2-Butanone-d5	4.621	46	596809	258.958	ug/L	0.00
24) Chloroform-d	5.052	84	446793	19.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	216711	20.119	ug/L	0.00
32) Benzene-d6	5.717	84	888465	20.553	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	280140	20.965	ug/L	0.00
41) Toluene-d8	7.891	98	827074	20.627	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	106632	24.836	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	551529	309.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	256681	22.868	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	328536	20.555	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	221460	17.031	ug/L	99
3) Chloromethane	1.515	50	254573	18.148	ug/L	100
5) Vinyl chloride	1.599	62	300543	19.183	ug/L	99
6) Bromomethane	1.853	94	199226	18.334	ug/L	99
8) Chloroethane	1.930	64	199294	20.962	ug/L	98
9) Trichlorofluoromethane	2.129	101	377421	19.682	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	245938	20.054	ug/L	100
12) 1,1-Dichloroethene	2.573	96	229842	20.506	ug/L	93
13) Acetone	2.640	43	337578	224.580	ug/L	96
14) Carbon disulfide	2.785	76	645649	17.804	ug/L	100
15) Methyl Acetate	2.946	43	88404	22.989	ug/L	99
16) Methylene chloride	3.036	84	262746	19.708	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	587679	24.077	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	241937	20.897	ug/L	96
19) 1,1-Dichloroethane	3.859	63	446744	20.744	ug/L	98
21) 2-Butanone	4.698	43	595874	249.741	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	286975	22.349	ug/L	99
23) Bromochloromethane	4.965	128	131605	22.284	ug/L	99
25) Chloroform	5.078	83	475062	20.830	ug/L	100
27) 1,2-Dichloroethane	5.785	62	283846	20.975	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	385390	20.956	ug/L	99
30) Cyclohexane	5.380	56	360799	22.951	ug/L	97
31) Carbon tetrachloride	5.515	117	326891	21.122	ug/L	98
33) Benzene	5.766	78	1051303	21.778	ug/L	100
34) Trichloroethene	6.534	95	276963	21.375	ug/L	99
35) Methylcyclohexane	6.756	83	421927	23.077	ug/L	99
37) 1,2-Dichloropropane	6.782	63	277372	22.222	ug/L	99
38) Bromodichloromethane	7.097	83	341853	21.905	ug/L	97
39) cis-1,3-Dichloropropene	7.598	75	414494	24.411	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	1483132	257.183	ug/L	97
42) Toluene	7.962	91	1176093	22.978	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	338355	24.677	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	218631	23.542	ug/L	98
47) Tetrachloroethene	8.547	164	228358	22.241	ug/L	100
48) 2-Hexanone	8.676	43	1081700	262.795	ug/L	99
49) Dibromochloromethane	8.801	129	240349	23.164	ug/L	97
50) 1,2-Dibromoethane	8.917	107	202662	23.639	ug/L	96
51) Chlorobenzene	9.441	112	737792	22.716	ug/L	100
52) Ethylbenzene	9.563	91	1263394	24.206	ug/L	99
53) m,p-Xylene	9.688	106	495228	24.681	ug/L	98
54) o-Xylene	10.094	106	481723	25.205	ug/L	96
55) Styrene	10.106	104	841072	25.890	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	270411	23.888	ug/L	97
59) Bromoform	10.283	173	158038	22.760	ug/L	99
60) Isopropylbenzene	10.476	105	1271119	22.999	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	182188	21.969	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	1061477	24.452	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	1054790	25.411	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	624655	21.873	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	628311	21.603	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	594344	22.196	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	40444	24.781	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	485496	22.893	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	417079	25.761	ug/L	99
71) Naphthalene	14.080	128	705787	30.696	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	387126	25.806	ug/L	100

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

