

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060012.D
 Acq On : 18 Jul 2024 12:24
 Operator : MD/SY
 Sample : VSTD01077
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010077

Quant Time: Jul 19 01:04:25 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	146602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	83353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	98026	9.577	ug/L	0.00
7) Chloroethane-d5	1.908	69	93030	9.499	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	38521	9.133	ug/L	0.00
20) 2-Butanone-d5	4.624	46	271519	124.896	ug/L	0.00
24) Chloroform-d	5.052	84	212650	10.063	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	99479	9.791	ug/L	0.00
32) Benzene-d6	5.721	84	416906	10.104	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	129342	10.141	ug/L	0.00
41) Toluene-d8	7.891	98	384538	10.048	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	47191	11.515	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	239854	140.821	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	122254	11.411	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	147764	9.842	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	108096	8.813	ug/L	100
3) Chloromethane	1.515	50	124679	9.422	ug/L	100
5) Vinyl chloride	1.599	62	144993	9.811	ug/L	98
6) Bromomethane	1.853	94	96253	9.390	ug/L	97
8) Chloroethane	1.930	64	90953	10.142	ug/L	98
9) Trichlorofluoromethane	2.133	101	184452	10.197	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	118750	10.265	ug/L	99
12) 1,1-Dichloroethene	2.573	96	108708	10.282	ug/L	94
13) Acetone	2.641	43	166281	117.272	ug/L	96
14) Carbon disulfide	2.789	76	309100	9.036	ug/L	100
15) Methyl Acetate	2.949	43	43213	11.913	ug/L	96
16) Methylene chloride	3.039	84	129242	10.277	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	267367	11.612	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	113951	10.434	ug/L	97
19) 1,1-Dichloroethane	3.859	63	212769	10.474	ug/L	99
21) 2-Butanone	4.702	43	278407	123.700	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	135053	11.150	ug/L	99
23) Bromochloromethane	4.965	128	62958	11.301	ug/L	96
25) Chloroform	5.078	83	232353	10.801	ug/L	99
27) 1,2-Dichloroethane	5.785	62	138074	10.816	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	184782	10.527	ug/L	99
30) Cyclohexane	5.380	56	162563	10.834	ug/L	97
31) Carbon tetrachloride	5.515	117	156535	10.597	ug/L	99
33) Benzene	5.766	78	500493	10.862	ug/L	100
34) Trichloroethene	6.534	95	131884	10.664	ug/L	98
35) Methylcyclohexane	6.756	83	188906	10.825	ug/L	99
37) 1,2-Dichloropropane	6.782	63	132382	11.112	ug/L	100
38) Bromodichloromethane	7.097	83	163309	10.963	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	188954	11.659	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	687540	124.907	ug/L	98
42) Toluene	7.962	91	558427	11.430	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	155159	11.856	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	104455	11.784	ug/L	99
47) Tetrachloroethene	8.547	164	107680	10.988	ug/L	100
48) 2-Hexanone	8.676	43	508160	129.341	ug/L	100
49) Dibromochloromethane	8.801	129	112825	11.392	ug/L	100
50) 1,2-Dibromoethane	8.917	107	95713	11.696	ug/L	96
51) Chlorobenzene	9.441	112	345552	11.147	ug/L	99
52) Ethylbenzene	9.563	91	572475	11.491	ug/L	99
53) m,p-Xylene	9.689	106	227083	11.857	ug/L	96
54) o-Xylene	10.094	106	217112	11.901	ug/L	95
55) Styrene	10.107	104	388031	12.514	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	130277	12.057	ug/L	98
59) Bromoform	10.283	173	73238	11.229	ug/L	99
60) Isopropylbenzene	10.476	105	577610	11.126	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	87185	11.193	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	463395	11.365	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	463907	11.898	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	290931	10.846	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	289370	10.593	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	278498	11.073	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	18507	12.073	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	219600	11.025	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	178900	11.764	ug/L	99
71) Naphthalene	14.081	128	278253	12.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	170998	12.136	ug/L	99

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

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