

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051823\
 Data File : VU054158.D
 Acq On : 18 May 2023 10:32
 Operator : JC/MD
 Sample : VSTD00527
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005027

Quant Time: May 19 01:41:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 01:39:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	187789	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	175952	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	99645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46283	4.191	ug/L	0.00
7) Chloroethane-d5	1.912	69	36442	3.956	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	21622	4.622	ug/L	0.00
20) 2-Butanone-d5	4.636	46	88748	43.439	ug/L	0.00
24) Chloroform-d	5.057	84	89773	4.266	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	41417	4.272	ug/L	0.00
32) Benzene-d6	5.723	84	172499	4.303	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	49976	4.131	ug/L	0.00
41) Toluene-d8	7.893	98	162172	4.317	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	20869	4.321	ug/L	0.00
46) 2-Hexanone-d5	8.629	63	61714	37.449	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.748	84	36288	3.730	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	56589	3.633	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	73323	5.267	ug/L	100
3) Chloromethane	1.520	50	66576	4.958	ug/L	100
5) Vinyl chloride	1.604	62	72850	4.776	ug/L	100
6) Bromomethane	1.858	94	42569	4.348	ug/L	100
8) Chloroethane	1.935	64	44395	4.648	ug/L	100
9) Trichlorofluoromethane	2.138	101	116266	5.058	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	69431	5.174	ug/L	100
12) 1,1-Dichloroethene	2.578	96	60126	5.096	ug/L	100
13) Acetone	2.646	43	120547	64.829	ug/L	100
14) Carbon disulfide	2.790	76	149314	4.712	ug/L	100
15) Methyl Acetate	2.957	43	22794	5.932	ug/L	100
16) Methylene chloride	3.044	84	71517	4.458	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	153575	5.824	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	61515	5.142	ug/L	100
19) 1,1-Dichloroethane	3.864	63	121908	5.554	ug/L	100
21) 2-Butanone	4.713	43	170053	66.725	ug/L	100
22) cis-1,2-Dichloroethene	4.662	96	71457	5.257	ug/L	100
23) Bromochloromethane	4.970	128	32130	5.347	ug/L	100
25) Chloroform	5.083	83	130480	5.480	ug/L	100
27) 1,2-Dichloroethane	5.790	62	76530	5.572	ug/L	100
29) 1,1,1-Trichloroethane	5.311	97	115497	5.698	ug/L	100
30) Cyclohexane	5.382	56	93413	5.258	ug/L	100
31) Carbon tetrachloride	5.517	117	102053	5.809	ug/L	100
33) Benzene	5.768	78	266390	5.356	ug/L	100
34) Trichloroethene	6.536	95	70555	5.226	ug/L	100
35) Methylcyclohexane	6.758	83	101016	4.930	ug/L	100
37) 1,2-Dichloropropane	6.784	63	70118	5.619	ug/L	100
38) Bromodichloromethane	7.099	83	87711	5.597	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	104288	5.505	ug/L	100
40) 4-Methyl-2-pentanone	7.784	43	365987	62.368	ug/L	100
42) Toluene	7.964	91	287458	5.445	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	86304	5.627	ug/L	100

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45) 1,1,2-Trichloroethane	8.394	97	51109	5.517	ug/L	100
47) Tetrachloroethene	8.549	164	58804	5.445	ug/L	100
48) 2-Hexanone	8.681	43	272845	60.910	ug/L	100
49) Dibromochloromethane	8.806	129	56020	5.633	ug/L	100
50) 1,2-Dibromoethane	8.919	107	46503	5.413	ug/L	100
51) Chlorobenzene	9.439	112	187919	5.225	ug/L	100
52) Ethylbenzene	9.565	91	315737	5.406	ug/L	100
53) m,p-Xylene	9.687	106	122906	5.502	ug/L	100
54) o-Xylene	10.095	106	118816	5.502	ug/L	100
55) Styrene	10.108	104	197276	5.568	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	59785	5.350	ug/L	100
59) Bromoform	10.285	173	33134	5.651	ug/L	100
60) Isopropylbenzene	10.478	105	322036	5.328	ug/L	100
61) 1,2,3-Trichloropropane	10.816	75	41977	5.377	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	263942	5.353	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	264764	5.306	ug/L	100
64) 1,3-Dichlorobenzene	11.738	146	156885	5.190	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	153830	5.033	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	144466	5.143	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	9666	5.911	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	117322	5.335	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	95637	4.782	ug/L	100
71) Naphthalene	14.079	128	137081	3.976	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	83640	4.677	ug/L	100

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

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