

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060011.D
 Acq On : 18 Jul 2024 12:01
 Operator : MD/SY
 Sample : VSTD00576
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005076

Quant Time: Jul 19 01:03:55 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	141716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146672	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	79404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51291	5.184	ug/L	0.00
7) Chloroethane-d5	1.908	69	47203	4.986	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	20071	4.923	ug/L	0.00
20) 2-Butanone-d5	4.628	46	117633	55.976	ug/L	0.00
24) Chloroform-d	5.055	84	107536	5.264	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	50668	5.159	ug/L	0.00
32) Benzene-d6	5.721	84	213265	5.255	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	65969	5.259	ug/L	0.00
41) Toluene-d8	7.891	98	196655	5.224	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	23789	5.902	ug/L	0.00
46) 2-Hexanone-d5	8.628	63	96002	57.304	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57667	5.472	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	72843	5.093	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.384	85	54811	4.623	ug/L	100
3) Chloromethane	1.515	50	62220	4.864	ug/L	100
5) Vinyl chloride	1.599	62	71647	5.015	ug/L	100
6) Bromomethane	1.853	94	46305	4.673	ug/L	100
8) Chloroethane	1.930	64	45205	5.214	ug/L	100
9) Trichlorofluoromethane	2.133	101	92612	5.296	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60283	5.391	ug/L	100
12) 1,1-Dichloroethene	2.573	96	53306	5.216	ug/L	100
13) Acetone	2.644	43	75206	54.869	ug/L	100
14) Carbon disulfide	2.789	76	155985	4.717	ug/L	100
15) Methyl Acetate	2.956	43	19340	5.515	ug/L	100
16) Methylene chloride	3.039	84	62785	5.165	ug/L	100
17) Methyl tert-butyl Ether	3.355	73	120179	5.400	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	55609	5.267	ug/L	100
19) 1,1-Dichloroethane	3.859	63	106666	5.432	ug/L	100
21) 2-Butanone	4.705	43	120128	55.214	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	63227	5.400	ug/L	100
23) Bromochloromethane	4.969	128	30295	5.626	ug/L	100
25) Chloroform	5.078	83	114921	5.526	ug/L	100
27) 1,2-Dichloroethane	5.789	62	64521	5.229	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	92412	5.352	ug/L	100
30) Cyclohexane	5.380	56	71923	4.873	ug/L	100
31) Carbon tetrachloride	5.518	117	79144	5.447	ug/L	100
33) Benzene	5.769	78	248898	5.492	ug/L	100
34) Trichloroethene	6.538	95	63047	5.183	ug/L	100
35) Methylcyclohexane	6.756	83	86194	5.021	ug/L	100
37) 1,2-Dichloropropane	6.782	63	64480	5.503	ug/L	100
38) Bromodichloromethane	7.097	83	80107	5.467	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	85464	5.361	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	291545	53.849	ug/L	100
42) Toluene	7.962	91	271457	5.649	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	70256	5.458	ug/L	100

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45) 1,1,2-Trichloroethane	8.393	97	48883	5.607	ug/L	100
47) Tetrachloroethene	8.547	164	54424	5.646	ug/L	100
48) 2-Hexanone	8.679	43	212407	54.966	ug/L	100
49) Dibromochloromethane	8.804	129	55711	5.719	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44843	5.571	ug/L	100
51) Chlorobenzene	9.441	112	169373	5.555	ug/L	100
52) Ethylbenzene	9.563	91	266363	5.436	ug/L	100
53) m,p-Xylene	9.689	106	103918	5.516	ug/L	100
54) o-Xylene	10.094	106	100258	5.588	ug/L	100
55) Styrene	10.110	104	174734	5.729	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	59256	5.576	ug/L	100
59) Bromoform	10.284	173	33758	5.433	ug/L	100
60) Isopropylbenzene	10.480	105	266033	5.379	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	39592	5.335	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	200454	5.161	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	196875	5.301	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	140533	5.500	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	136327	5.239	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	130631	5.452	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	8000	5.478	ug/L	100
69) 1,3,5-Trichlorobenzene	13.213	180	103669	5.463	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	76050	5.250	ug/L	100
71) Naphthalene	14.084	128	101678	4.942	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	69834	5.203	ug/L	100

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

