

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060723\
 Data File : VU054409.D
 Acq On : 07 Jun 2023 13:17
 Operator : MD/SY
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020035

Quant Time: Jun 08 01:06:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 08 01:03:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	353544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	329830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	185770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	429595	19.093	ug/L	0.00
7) Chloroethane-d5	1.914	69	401514	19.060	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	189414	18.849	ug/L	0.00
20) 2-Butanone-d5	4.628	46	1331372	210.459	ug/L	0.00
24) Chloroform-d	5.058	84	912321	19.398	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	439747	19.181	ug/L	0.00
32) Benzene-d6	5.721	84	1792434	19.549	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	601193	19.634	ug/L	0.00
41) Toluene-d8	7.894	98	1624066	19.959	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	215437	20.233	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	1004960	224.966	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	460917	20.186	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	608676	19.425	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	631529	19.117	ug/L	99
3) Chloromethane	1.518	50	708909	18.681	ug/L	100
5) Vinyl chloride	1.605	62	751462	19.292	ug/L	99
6) Bromomethane	1.859	94	408559	19.078	ug/L	98
8) Chloroethane	1.933	64	435213	18.640	ug/L	98
9) Trichlorofluoromethane	2.136	101	908836	18.979	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	537272	19.179	ug/L	99
12) 1,1-Dichloroethene	2.576	96	493622	19.250	ug/L	88
13) Acetone	2.644	43	1051857	176.349	ug/L	99
14) Carbon disulfide	2.792	76	1486941	19.554	ug/L	100
15) Methyl Acetate	2.952	43	223212	20.195	ug/L	98
16) Methylene chloride	3.042	84	560382	15.541	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	1274929	20.143	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	502584	18.983	ug/L	98
19) 1,1-Dichloroethane	3.866	63	1057866	19.307	ug/L	99
21) 2-Butanone	4.708	43	1549603	189.298	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	590251	19.578	ug/L	99
23) Bromochloromethane	4.968	128	242015	19.290	ug/L	95
25) Chloroform	5.081	83	1026635	19.006	ug/L	98
27) 1,2-Dichloroethane	5.788	62	613899	19.389	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	870557	19.465	ug/L	100
30) Cyclohexane	5.383	56	994402	20.413	ug/L	99
31) Carbon tetrachloride	5.521	117	739639	19.192	ug/L	99
33) Benzene	5.769	78	2291568	19.332	ug/L	100
34) Trichloroethene	6.537	95	603089	19.240	ug/L	97
35) Methylcyclohexane	6.759	83	980086	20.686	ug/L	97
37) 1,2-Dichloropropane	6.785	63	611410	19.076	ug/L	99
38) Bromodichloromethane	7.100	83	707093	19.490	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	900695	20.584	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	3498568	204.547	ug/L	99
42) Toluene	7.965	91	2425153	19.866	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	724663	20.406	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	392813	19.265	ug/L	100
47) Tetrachloroethene	8.547	164	442792	18.454	ug/L	99
48) 2-Hexanone	8.682	43	2596089	203.705	ug/L	99
49) Dibromochloromethane	8.804	129	425816	19.889	ug/L	98
50) 1,2-Dibromoethane	8.920	107	367236	19.618	ug/L	98
51) Chlorobenzene	9.441	112	1495294	19.650	ug/L	100
52) Ethylbenzene	9.566	91	2730770	20.483	ug/L	100
53) m,p-Xylene	9.688	106	1014609	20.716	ug/L	100
54) o-Xylene	10.097	106	983122	20.757	ug/L	98
55) Styrene	10.110	104	1691431	21.278	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	503531	19.442	ug/L	99
59) Bromoform	10.286	173	257861	19.335	ug/L	99
60) Isopropylbenzene	10.479	105	2682369	19.738	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	347202	18.494	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2301099	20.753	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	2349818	20.866	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	1230363	19.369	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	1224273	19.203	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	1132331	19.382	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.991	75	82548	20.009	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	952776	19.879	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	810468	20.449	ug/L	100
71) Naphthalene	14.081	128	1358499	21.080	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	697673	20.491	ug/L	99

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

