

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058379.D
 Acq On : 04 Apr 2024 20:02
 Operator : MD/SY
 Sample : VSTD00154
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001054

Quant Time: Apr 04 22:48:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 22:45:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	80665	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	76850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	5417	0.831	ug/L	0.00
7) Chloroethane-d5	1.908	69	4835	0.904	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	2524	0.926	ug/L	0.00
20) 2-Butanone-d5	4.644	46	10167	8.582	ug/L	0.00
24) Chloroform-d	5.055	84	10949	0.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	5068	0.920	ug/L	0.00
32) Benzene-d6	5.721	84	20695	0.854	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	6431	0.897	ug/L	0.00
41) Toluene-d8	7.891	98	17864	0.834	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	1814	0.785	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7263	7.761	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	4431	0.939	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	6055	0.911	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	6936	1.739	ug/L	100
3) Chloromethane	1.515	50	8719	1.743	ug/L	99
5) Vinyl chloride	1.599	62	8495	1.595	ug/L	99
6) Bromomethane	1.853	94	4091	1.499	ug/L	95
8) Chloroethane	1.930	64	5271	1.544	ug/L	99
9) Trichlorofluoromethane	2.133	101	11363	1.385	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6820	1.323	ug/L	96
12) 1,1-Dichloroethene	2.573	96	5921	1.352	ug/L	97
13) Acetone	2.644	43	8689	10.539	ug/L	99
14) Carbon disulfide	2.789	76	18886	1.761	ug/L	98
15) Methyl Acetate	2.959	43	2275	1.296	ug/L #	72
16) Methylene chloride	3.039	84	8483	1.362	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	13196	1.158	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	6140	1.332	ug/L	95
19) 1,1-Dichloroethane	3.862	63	13496	1.330	ug/L	98
21) 2-Butanone	4.721	43	12898	10.330	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	6801	1.232	ug/L	98
23) Bromochloromethane	4.968	128	2619	1.263	ug/L	84
25) Chloroform	5.081	83	13105	1.248	ug/L	97
27) 1,2-Dichloroethane	5.792	62	7952	1.314	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	10584	1.257	ug/L	96
30) Cyclohexane	5.380	56	10515	1.354	ug/L	98
31) Carbon tetrachloride	5.518	117	8892	1.232	ug/L	96
33) Benzene	5.769	78	28316	1.306	ug/L	100
34) Trichloroethene	6.538	95	7352	1.309	ug/L	97
35) Methylcyclohexane	6.756	83	10266	1.270	ug/L	98
37) 1,2-Dichloropropane	6.785	63	7466	1.240	ug/L #	94
38) Bromodichloromethane	7.097	83	8412	1.227	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	9059	1.196	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	33217	11.089	ug/L	99
42) Toluene	7.962	91	28458	1.242	ug/L	99
44) trans-1,3-Dichloropropene	8.210	75	6766	1.137	ug/L	97

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45) 1,1,2-Trichloroethane	8.396	97	4321	1.158	ug/L	96
47) Tetrachloroethene	8.544	164	5306	1.386	ug/L	93
48) 2-Hexanone	8.685	43	21408	9.784	ug/L	96
49) Dibromochloromethane	8.804	129	4889	1.189	ug/L	97
50) 1,2-Dibromoethane	8.920	107	4034	1.256	ug/L #	93
51) Chlorobenzene	9.444	112	18237	1.255	ug/L	95
52) Ethylbenzene	9.566	91	30425	1.200	ug/L	98
53) m,p-Xylene	9.692	106	10373	1.143	ug/L	95
54) o-Xylene	10.094	106	10157	1.120	ug/L	96
55) Styrene	10.113	104	15889	1.104	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	5320	1.210	ug/L	94
59) Bromoform	10.287	173	2395	1.167	ug/L #	97
60) Isopropylbenzene	10.480	105	25994	1.120	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	3841	1.186	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	20009	1.033	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	20528	1.058	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	12875	1.191	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	13265	1.270	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	11621	1.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	575	1.181	ug/L	89
69) 1,3,5-Trichlorobenzene	13.216	180	9541	1.246	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	6776	1.203	ug/L	97
71) Naphthalene	14.090	128	8713	1.157	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	5637	1.220	ug/L	97

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

