

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055037.D
 Acq On : 01 Sep 2023 13:18
 Operator : MD/SY
 Sample : VSTD00150
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001050

Quant Time: Sep 01 23:22:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:21:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	197258	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	193772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	104199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	9524	1.400	ug/L	0.00
7) Chloroethane-d5	1.907	69	10741	1.247	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5077	1.313	ug/L	0.00
20) 2-Butanone-d5	4.640	46	23485	7.202	ug/L	0.01
24) Chloroform-d	5.058	84	22938	0.978	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	11642	0.944	ug/L	0.00
32) Benzene-d6	5.727	84	46824	1.045	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	15166	0.992	ug/L	0.00
41) Toluene-d8	7.898	98	41100	0.966	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.184	79	3678	0.750	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	14112	6.171	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	9724	0.762	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	14141	0.864	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	9847	0.806	ug/L	95
3) Chloromethane	1.515	50	10407	0.820	ug/L	93
5) Vinyl chloride	1.599	62	11100	0.850	ug/L	96
6) Bromomethane	1.853	94	6359	0.781	ug/L	94
8) Chloroethane	1.930	64	6573	0.762	ug/L	97
9) Trichlorofluoromethane	2.132	101	16597	0.887	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	9307	0.902	ug/L	98
12) 1,1-Dichloroethene	2.576	96	8221	0.914	ug/L	92
13) Acetone	2.631	43	16547	8.982	ug/L	95
14) Carbon disulfide	2.788	76	19453	0.802	ug/L	99
15) Methyl Acetate	2.956	43	3251	0.876	ug/L	97
16) Methylene chloride	3.039	84	14097	0.994	ug/L	98
17) Methyl tert-butyl Ether	3.364	73	20777	0.806	ug/L #	87
18) trans-1,2-Dichloroethene	3.351	96	8439	0.868	ug/L	85
19) 1,1-Dichloroethane	3.866	63	18254	0.893	ug/L	90
21) 2-Butanone	4.721	43	20954	7.453	ug/L	87
22) cis-1,2-Dichloroethene	4.666	96	9850	0.859	ug/L	86
23) Bromochloromethane	4.975	128	4136	0.829	ug/L	87
25) Chloroform	5.084	83	18702	0.837	ug/L	90
27) 1,2-Dichloroethane	5.795	62	11163	0.818	ug/L #	76
29) 1,1,1-Trichloroethane	5.309	97	15324	0.807	ug/L	99
30) Cyclohexane	5.383	56	12701	0.762	ug/L	98
31) Carbon tetrachloride	5.525	117	11829	0.734	ug/L	96
33) Benzene	5.775	78	36599	0.808	ug/L	100
34) Trichloroethene	6.544	95	10262	0.823	ug/L	95
35) Methylcyclohexane	6.759	83	14503	0.791	ug/L	99
37) 1,2-Dichloropropane	6.788	63	10208	0.808	ug/L #	95
38) Bromodichloromethane	7.107	83	11654	0.752	ug/L	96
39) cis-1,3-Dichloropropene	7.611	75	11657	0.651	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	52642	7.495	ug/L	99
42) Toluene	7.968	91	37276	0.749	ug/L	93
44) trans-1,3-Dichloropropene	8.213	75	9389	0.638	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.399	97	6417	0.763	ug/L	94
47) Tetrachloroethene	8.550	164	7408	0.829	ug/L	95
48) 2-Hexanone	8.688	43	39236	7.511	ug/L	95
49) Dibromochloromethane	8.811	129	7010	0.716	ug/L	86
50) 1,2-Dibromoethane	8.923	107	5320	0.656	ug/L #	93
51) Chlorobenzene	9.447	112	25634	0.788	ug/L	97
52) Ethylbenzene	9.569	91	41137	0.735	ug/L	98
53) m,p-Xylene	9.695	106	14217	0.678	ug/L	97
54) o-Xylene	10.100	106	15248	0.755	ug/L	99
55) Styrene	10.116	104	22565	0.680	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.782	83	7957	0.752	ug/L	91
59) Bromoform	10.286	173	3249	0.646	ug/L #	93
60) Isopropylbenzene	10.483	105	40887	0.752	ug/L	99
61) 1,2,3-Trichloropropane	10.823	75	5906	0.771	ug/L	95
62) 1,3,5-Trimethylbenzene	11.090	105	32395	0.698	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	30552	0.711	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	19908	0.783	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	19377	0.764	ug/L	96
67) 1,2-Dichlorobenzene	12.212	146	19295	0.836	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	1098	0.752	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.219	180	15309	0.896	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	13827	1.025	ug/L	98
71) Naphthalene	14.090	128	25443	1.240	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	12098	1.071	ug/L	96

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

