

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040325\
 Data File : VU063328.D
 Acq On : 03 Apr 2025 14:46
 Operator : MD/SY
 Sample : VSTD0.512
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5012

Quant Time: Apr 04 09:11:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040325WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 04 09:10:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	175664	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	177011	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72114	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	6311	0.52	ug/L	0.00
7) Chloroethane-d5	1.901	69	5830	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	2830	0.51	ug/L	0.00
20) 2-Butanone-d5	4.637	46	16274m	4.71	ug/L	0.03
24) Chloroform-d	5.052	84	13236	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	6308	0.47	ug/L	0.00
32) Benzene-d6	5.721	84	25016m	0.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	8217	0.48	ug/L	0.00
41) Toluene-d8	7.891	98	20039m	0.44	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	2115	0.42	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	9230m	3.55	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	6980	0.48	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	6302	0.49	ug/L	0.00
Target Compounds						
2) Dichlorodifluoromethane	1.380	85	9882	0.55	ug/L	Qvalue 100
3) Chloromethane	1.518	50	11388	0.56	ug/L	99
5) Vinyl chloride	1.599	62	11321	0.56	ug/L	100
6) Bromomethane	1.846	94	5601	0.52	ug/L	87
8) Chloroethane	1.924	64	6516	0.56	ug/L	98
9) Trichlorofluoromethane	2.129	101	11348	0.53	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	6973	0.54	ug/L	98
12) 1,1-Dichloroethene	2.570	96	6667	0.54	ug/L	90
13) Acetone	2.621	43	12783	5.49	ug/L	96
14) Carbon disulfide	2.782	76	24054	0.54	ug/L	99
15) Methyl Acetate	2.956	43	3361	0.55	ug/L	92
16) Methylene chloride	3.033	84	9497	0.60	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	15978	0.51	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	6915	0.52	ug/L	98
19) 1,1-Dichloroethane	3.859	63	14640	0.54	ug/L	99
21) 2-Butanone	4.711	43	16014	4.36	ug/L #	65
22) cis-1,2-Dichloroethene	4.660	96	7458	0.50	ug/L	91
23) Bromochloromethane	4.968	128	3629	0.53	ug/L	94
25) Chloroform	5.078	83	14895	0.55	ug/L	92
27) 1,2-Dichloroethane	5.792	62	8928	0.51	ug/L #	95
29) 1,1,1-Trichloroethane	5.306	97	11129	0.51	ug/L	99
30) Cyclohexane	5.374	56	10931	0.47	ug/L	98
31) Carbon tetrachloride	5.515	117	9841	0.53	ug/L	97
33) Benzene	5.769	78	30229	0.50	ug/L	100
34) Trichloroethene	6.537	95	7991	0.53	ug/L	84
35) Methylcyclohexane	6.756	83	10324	0.47	ug/L	95
37) 1,2-Dichloropropane	6.785	63	8407	0.51	ug/L #	96
38) Bromodichloromethane	7.100	83	10260	0.52	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	10562	0.48	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	40311	4.39	ug/L	97
42) Toluene	7.962	91	28821	0.46	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	8578	0.46	ug/L	97

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45) 1,1,2-Trichloroethane	8.393	97	5939	0.51	ug/L	96
47) Tetrachloroethene	8.547	164	5569	0.51	ug/L	90
48) 2-Hexanone	8.679	43	26701	4.13	ug/L #	98
49) Dibromochloromethane	8.801	129	6271	0.50	ug/L	100
50) 1,2-Dibromoethane	8.917	107	5295	0.49	ug/L #	99
51) Chlorobenzene	9.441	112	19982	0.52	ug/L	94
52) Ethylbenzene	9.563	91	28058	0.44	ug/L	96
53) m,p-Xylene	9.688	106	9553	0.41	ug/L	98
54) o-Xylene	10.094	106	9239	0.42	ug/L	97
55) Styrene	10.113	104	14076m	0.38	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.775	83	7445	0.49	ug/L	93
59) Bromoform	10.287	173	3607	0.56	ug/L	95
60) Isopropylbenzene	10.476	105	23342	0.46	ug/L	96
61) 1,2,3-Trichloropropane	10.820	75	5118	0.57	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	17520	0.45	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	14347	0.39	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	12346	0.51	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	12840	0.54	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	12159	0.53	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.997	75	1040	0.55	ug/L #	69
69) 1,3,5-Trichlorobenzene	13.219	180	8167	0.50	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	4850	0.42	ug/L	99
71) Naphthalene	14.100	128	5916	0.35	ug/L #	89
72) 1,2,3-Trichlorobenzene	14.328	180	4263	0.42	ug/L	97

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

