

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055241.D
 Acq On : 12 Sep 2023 11:43
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005118

Quant Time: Sep 13 01:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	198757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	207987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109801	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32857	3.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.907	69	51444	4.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.563	65	17383	3.275	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.628	46	135982	50.303	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.600%
24) Chloroform-d	5.058	84	114894	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.701	65	57620	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.727	84	212223	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.689	67	72946	4.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.898	98	199744	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.180	79	19678	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.634	63	94799	51.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55389	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	72581	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	49595	4.294	ug/L	97
3) Chloromethane	1.518	50	46601	3.963	ug/L	99
5) Vinyl chloride	1.602	62	52155	4.205	ug/L	97
6) Bromomethane	1.853	94	44038	5.887	ug/L	99
8) Chloroethane	1.930	64	40326	4.993	ug/L	100
9) Trichlorofluoromethane	2.136	101	87449	4.848	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	47117	4.489	ug/L	96
12) 1,1-Dichloroethene	2.576	96	38043	4.140	ug/L	94
13) Acetone	2.631	43	75238	41.527	ug/L	97
14) Carbon disulfide	2.788	76	84578	3.759	ug/L	98
15) Methyl Acetate	2.956	43	16026	4.321	ug/L	95
16) Methylene chloride	3.042	84	58822	4.189	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	108882	4.518	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	41322	4.432	ug/L	94
19) 1,1-Dichloroethane	3.866	63	95832	4.757	ug/L	98
21) 2-Butanone	4.705	43	117587	44.173	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	53574	4.694	ug/L	90
23) Bromochloromethane	4.975	128	21486	4.578	ug/L	95
25) Chloroform	5.084	83	103506	4.933	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	62677	4.894	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	84270	4.684	ug/L	98
30) Cyclohexane	5.386	56	62667	3.917	ug/L	96
31) Carbon tetrachloride	5.525	117	67540	4.515	ug/L	99
33) Benzene	5.772	78	216217	4.885	ug/L	100
34) Trichloroethene	6.541	95	57807	4.699	ug/L	98
35) Methylcyclohexane	6.763	83	75969	4.401	ug/L	97
37) 1,2-Dichloropropane	6.788	63	59663	4.951	ug/L	100
38) Bromodichloromethane	7.103	83	75130	5.221	ug/L	99
39) cis-1,3-Dichloropropene	7.608	75	79746	4.865	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	305969	44.508	ug/L	98
42) Toluene	7.968	91	240789	5.102	ug/L	96
44) trans-1,3-Dichloropropene	8.209	75	64979	5.050	ug/L	94
45) 1,1,2-Trichloroethane	8.399	97	44888	5.530	ug/L	96
47) Tetrachloroethene	8.553	164	42002	4.940	ug/L	95
48) 2-Hexanone	8.682	43	238029	44.205	ug/L	95
49) Dibromochloromethane	8.811	129	46184	5.212	ug/L	91
50) 1,2-Dibromoethane	8.920	107	39010	5.278	ug/L	95
51) Chlorobenzene	9.444	112	157596	5.042	ug/L	96
52) Ethylbenzene	9.569	91	259212	4.910	ug/L	97
53) m,p-Xylene	9.692	106	99353	5.086	ug/L	93
54) o-Xylene	10.100	106	96080	4.998	ug/L	99
55) Styrene	10.113	104	163924	5.163	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	44642	4.415	ug/L	92
59) Bromoform	10.290	173	23160	5.279	ug/L	97
60) Isopropylbenzene	10.483	105	260346	5.085	ug/L	98
61) 1,2,3-Trichloropropane	10.823	75	36638	5.028	ug/L	99
62) 1,3,5-Trimethylbenzene	11.087	105	216451	5.082	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	207098	4.933	ug/L	98
64) 1,3-Dichlorobenzene	11.746	146	124602	5.069	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	124992	5.102	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	117304	5.090	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	6640	4.730	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.219	180	86018	4.631	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	64588	3.708	ug/L	96
71) Naphthalene	14.087	128	98210	3.102	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	54564	3.609	ug/L	97

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

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