

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057679.D
 Acq On : 26 Jan 2024 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005134

Quant Time: Jan 29 00:22:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 04:41:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	64305	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	12250	3.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.200%
7) Chloroethane-d5	1.911	69	11593	3.905	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.560	65	6299	3.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.627	46	34780	52.036	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.080%
24) Chloroform-d	5.058	84	32430	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	15355	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	60060	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.685	67	19261	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	55515	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	8.174	79	6958	4.201	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.631	63	28064	53.102	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.200%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13507	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	17868	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	23005	4.222	ug/L	98
3) Chloromethane	1.518	50	23731	4.353	ug/L	99
5) Vinyl chloride	1.602	62	25420	4.380	ug/L	100
6) Bromomethane	1.856	94	12281	4.059	ug/L	97
8) Chloroethane	1.933	64	15680	4.512	ug/L	91
9) Trichlorofluoromethane	2.136	101	39388	4.557	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	21677	4.314	ug/L	97
12) 1,1-Dichloroethene	2.576	96	19680	4.211	ug/L	96
13) Acetone	2.644	43	26080	41.063	ug/L	99
14) Carbon disulfide	2.788	76	63419	4.186	ug/L	99
15) Methyl Acetate	2.952	43	7231	4.425	ug/L	93
16) Methylene chloride	3.039	84	22389	4.463	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	49200	4.427	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	21233	4.314	ug/L	98
19) 1,1-Dichloroethane	3.862	63	40807	4.489	ug/L	96
21) 2-Butanone	4.708	43	42029	42.188	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	23930	4.522	ug/L	95
23) Bromochloromethane	4.968	128	9198	4.327	ug/L	91
25) Chloroform	5.081	83	43383	4.498	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25914	4.612	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	38432	4.457	ug/L	99
30) Cyclohexane	5.383	56	36587	4.398	ug/L	98
31) Carbon tetrachloride	5.518	117	33658	4.425	ug/L	99
33) Benzene	5.769	78	91474	4.540	ug/L	100
34) Trichloroethene	6.537	95	24122	4.343	ug/L	97
35) Methylcyclohexane	6.756	83	38217	4.259	ug/L	100
37) 1,2-Dichloropropane	6.785	63	22793	4.522	ug/L #	97
38) Bromodichloromethane	7.100	83	30122	4.441	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	32690	4.173	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	104808	43.574	ug/L	99
42) Toluene	7.965	91	97122	4.471	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	26511	4.164	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	14730	4.493	ug/L	99
47) Tetrachloroethene	8.547	164	17685	4.333	ug/L	100
48) 2-Hexanone	8.682	43	73755	43.699	ug/L	99
49) Dibromochloromethane	8.804	129	18409	4.336	ug/L	98
50) 1,2-Dibromoethane	8.920	107	14091	4.428	ug/L	99
51) Chlorobenzene	9.441	112	60139	4.413	ug/L	99
52) Ethylbenzene	9.566	91	108294	4.424	ug/L	98
53) m,p-Xylene	9.688	106	39339	4.355	ug/L	97
54) o-Xylene	10.097	106	38763	4.402	ug/L	97
55) Styrene	10.110	104	59796	4.439	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	17500	4.399	ug/L	99
59) Bromoform	10.286	173	10060	4.709	ug/L	97
60) Isopropylbenzene	10.479	105	95805	4.649	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12358	4.682	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	85059	4.632	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	85601	4.658	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	42925	4.563	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	41136	4.569	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	39024	4.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	2684	5.401	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	31610	4.578	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	23867	4.719	ug/L	98
71) Naphthalene	14.084	128	34381	4.802	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18627	4.732	ug/L	98

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

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