

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082024\
 Data File : VU060499.D
 Acq On : 20 Aug 2024 18:53
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005175

Quant Time: Aug 21 02:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 21 02:30:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	97311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	53656	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23955	3.337	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.911	69	23787	3.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.563	65	11168	3.656	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	4.634	46	67505	44.310	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.620%
24) Chloroform-d	5.055	84	60679	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.695	65	29021	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.721	84	111596	3.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	6.682	67	36861	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.891	98	105942	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	12512	4.252	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.631	63	55016	42.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30819	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	39466	3.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	19490	3.951	ug/L	99
3) Chloromethane	1.518	50	23067	3.759	ug/L	100
5) Vinyl chloride	1.602	62	27859	3.878	ug/L	97
6) Bromomethane	1.856	94	19078	3.750	ug/L	100
8) Chloroethane	1.930	64	18901	3.879	ug/L	96
9) Trichlorofluoromethane	2.132	101	48632	4.828	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	28671	4.320	ug/L	97
12) 1,1-Dichloroethene	2.573	96	24472	4.058	ug/L	95
13) Acetone	2.647	43	53307	51.241	ug/L	99
14) Carbon disulfide	2.788	76	51262	3.370	ug/L	99
15) Methyl Acetate	2.959	43	11646	5.403	ug/L	98
16) Methylene chloride	3.039	84	58256	6.796	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	65428	4.602	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	25542	4.318	ug/L	96
19) 1,1-Dichloroethane	3.862	63	55604	4.553	ug/L	97
21) 2-Butanone	4.711	43	74111	47.796	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	30601	4.285	ug/L	94
23) Bromochloromethane	4.968	128	15720	4.770	ug/L	90
25) Chloroform	5.081	83	62544	4.708	ug/L	97

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

27) 1,2-Dichloroethane	5.788	62	37625	5.325	ug/L #	93
29) 1,1,1-Trichloroethane	5.309	97	49474	4.644	ug/L	97
30) Cyclohexane	5.380	56	31658	3.671	ug/L	97
31) Carbon tetrachloride	5.518	117	44552	4.772	ug/L	99
33) Benzene	5.766	78	119174	4.254	ug/L	100
34) Trichloroethene	6.537	95	32202	4.391	ug/L	98
35) Methylcyclohexane	6.756	83	34943	3.649	ug/L	97
37) 1,2-Dichloropropane	6.785	63	34759	4.559	ug/L	100
38) Bromodichloromethane	7.097	83	44640	4.737	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	45010	4.346	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	172324	48.415	ug/L	98
42) Toluene	7.962	91	133605	4.513	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	38721	4.526	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	26688	4.570	ug/L	97
47) Tetrachloroethene	8.547	164	24691	4.304	ug/L	99
48) 2-Hexanone	8.679	43	137759	51.055	ug/L	97
49) Dibromochloromethane	8.801	129	30549	4.920	ug/L	93
50) 1,2-Dibromoethane	8.917	107	24165	4.648	ug/L	97
51) Chlorobenzene	9.441	112	89505	4.481	ug/L	97
52) Ethylbenzene	9.563	91	133887	4.293	ug/L	100
53) m,p-Xylene	9.688	106	52990	4.470	ug/L	93
54) o-Xylene	10.094	106	52042	4.588	ug/L	99
55) Styrene	10.110	104	91283	4.651	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	33186	4.570	ug/L	97
59) Bromoform	10.283	173	18488	4.538	ug/L	98
60) Isopropylbenzene	10.476	105	136630	4.217	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	22648	4.360	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	105932	4.247	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	105138	4.277	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	72438	4.387	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	72087	4.331	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	68463	4.391	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	4348	4.465	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	50986	4.086	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	37666	3.845	ug/L	100
71) Naphthalene	14.084	128	49233	3.534	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	32828	3.740	ug/L	95

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

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