

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058046.D
 Acq On : 12 Mar 2024 08:56
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005149

Quant Time: Mar 13 01:54:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 12 03:05:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	144096	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65561	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41578	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.907	69	38441	4.511	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	19569	4.362	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.608	46	98579	57.709	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.420%
24) Chloroform-d	5.052	84	99175	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	45049	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.717	84	186126	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.682	67	58890	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.891	98	166430	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.174	79	19927	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.624	63	81245	59.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39055	5.375	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	52860	4.896	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	43637	4.998	ug/L	100
3) Chloromethane	1.515	50	49758	4.874	ug/L	99
5) Vinyl chloride	1.599	62	53763	4.896	ug/L	96
6) Bromomethane	1.849	94	28132	4.864	ug/L	99
8) Chloroethane	1.927	64	34566	4.999	ug/L	95
9) Trichlorofluoromethane	2.132	101	80314	5.134	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51500	5.266	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43813	5.039	ug/L	90
13) Acetone	2.611	43	66005	51.921	ug/L	98
14) Carbon disulfide	2.785	76	127551	4.744	ug/L	99
15) Methyl Acetate	2.943	43	16102	5.708	ug/L	91
16) Methylene chloride	3.036	84	51466	4.870	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	105100	5.112	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	47226	4.987	ug/L	99
19) 1,1-Dichloroethane	3.856	63	100246	5.306	ug/L	99
21) 2-Butanone	4.689	43	101572	50.707	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	52619	5.051	ug/L	98
23) Bromochloromethane	4.968	128	20828	5.384	ug/L	94
25) Chloroform	5.078	83	102615	5.321	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	57954	5.428	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	84861	5.331	ug/L	99
30) Cyclohexane	5.380	56	78191	4.864	ug/L	99
31) Carbon tetrachloride	5.518	117	73324	5.301	ug/L	100
33) Benzene	5.766	78	215001	5.239	ug/L	100
34) Trichloroethene	6.534	95	55348	5.125	ug/L	99
35) Methylcyclohexane	6.756	83	81973	4.952	ug/L	99
37) 1,2-Dichloropropane	6.782	63	56360	5.326	ug/L	99
38) Bromodichloromethane	7.100	83	69827	5.438	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	75382	5.170	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	263650	54.154	ug/L	100
42) Toluene	7.962	91	226006	5.288	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	60501	5.207	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	34237	5.456	ug/L	97
47) Tetrachloroethene	8.547	164	38680	5.163	ug/L	97
48) 2-Hexanone	8.676	43	183777	51.473	ug/L	98
49) Dibromochloromethane	8.804	129	41237	5.552	ug/L	100
50) 1,2-Dibromoethane	8.920	107	30296	5.440	ug/L #	92
51) Chlorobenzene	9.441	112	140479	5.241	ug/L	96
52) Ethylbenzene	9.566	91	247042	5.165	ug/L	98
53) m,p-Xylene	9.688	106	88651	5.188	ug/L	99
54) o-Xylene	10.094	106	87803	5.155	ug/L	100
55) Styrene	10.110	104	143480	5.367	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39798	5.384	ug/L	98
59) Bromoform	10.286	173	20111	5.500	ug/L	97
60) Isopropylbenzene	10.479	105	226539	5.188	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	29049	5.409	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	189106	5.135	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189931	5.226	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	105087	5.295	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	99722	5.133	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	91470	5.279	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	6066	5.693	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.216	180	75099	5.260	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	53836	5.019	ug/L	97
71) Naphthalene	14.084	128	64325	4.391	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	41680	4.919	ug/L	99

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

