

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057704.D
 Acq On : 26 Jan 2024 20:11
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005135

Quant Time: Jan 29 00:33:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	63303	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	57700	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	13680	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	12561	4.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	6529	3.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.624	46	33390	50.747	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.500%
24) Chloroform-d	5.055	84	32637	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.698	65	15477	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.721	84	59757	4.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.685	67	18771	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.891	98	56162	4.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.177	79	6655	4.090	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	27922	53.788	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13547	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	18772	5.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	21778	4.060	ug/L	100
3) Chloromethane	1.518	50	22631	4.217	ug/L	99
5) Vinyl chloride	1.602	62	23962	4.195	ug/L	99
6) Bromomethane	1.856	94	11735	3.940	ug/L	94
8) Chloroethane	1.930	64	16989	4.966	ug/L	93
9) Trichlorofluoromethane	2.132	101	36798	4.325	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20027	4.049	ug/L	98
12) 1,1-Dichloroethene	2.576	96	19142	4.161	ug/L	96
13) Acetone	2.634	43	24319	38.896	ug/L	98
14) Carbon disulfide	2.788	76	59612	3.997	ug/L	99
15) Methyl Acetate	2.949	43	6836	4.249	ug/L	93
16) Methylene chloride	3.039	84	21084	4.269	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	47441	4.336	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	20226	4.174	ug/L	99
19) 1,1-Dichloroethane	3.859	63	39084	4.368	ug/L	96
21) 2-Butanone	4.701	43	38164	38.915	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	22623	4.343	ug/L	96
23) Bromochloromethane	4.968	128	9039	4.319	ug/L	95
25) Chloroform	5.081	83	40692	4.286	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	25162	4.549	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	35931	4.242	ug/L	99
30) Cyclohexane	5.383	56	33914	4.150	ug/L	99
31) Carbon tetrachloride	5.518	117	31478	4.213	ug/L	99
33) Benzene	5.769	78	87151	4.404	ug/L	100
34) Trichloroethene	6.537	95	22909	4.199	ug/L	97
35) Methylcyclohexane	6.756	83	34722	3.940	ug/L	99
37) 1,2-Dichloropropane	6.785	63	22014	4.446	ug/L #	95
38) Bromodichloromethane	7.100	83	28755	4.316	ug/L #	99
39) cis-1,3-Dichloropropene	7.602	75	29138	3.787	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	102532	43.398	ug/L	100
42) Toluene	7.965	91	92404	4.330	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	23711	3.792	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	14116	4.383	ug/L	96
47) Tetrachloroethene	8.547	164	16659	4.155	ug/L	98
48) 2-Hexanone	8.679	43	71419	43.080	ug/L	97
49) Dibromochloromethane	8.804	129	17716	4.248	ug/L	100
50) 1,2-Dibromoethane	8.920	107	13901	4.448	ug/L	100
51) Chlorobenzene	9.441	112	56878	4.249	ug/L	98
52) Ethylbenzene	9.566	91	103318	4.297	ug/L	98
53) m,p-Xylene	9.688	106	37320	4.206	ug/L	98
54) o-Xylene	10.097	106	36659	4.239	ug/L	99
55) Styrene	10.110	104	56545	4.274	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	17108	4.378	ug/L	100
59) Bromoform	10.286	173	9323	4.330	ug/L	99
60) Isopropylbenzene	10.479	105	90343	4.350	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12270	4.612	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	80443	4.346	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	80812	4.363	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	40680	4.291	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	38029	4.191	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	37287	4.408	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.990	75	2563	5.118	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	28872	4.149	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	22975	4.507	ug/L	98
71) Naphthalene	14.084	128	35445	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18896	4.763	ug/L	97

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

