

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081424\
 Data File : VU060457.D
 Acq On : 14 Aug 2024 16:57
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: Aug 14 17:19:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	84882	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	88235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20668	3.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.907	69	21638	3.601	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.557	65	9636	3.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.637	46	66662	47.144	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.280%
24) Chloroform-d	5.055	84	62190	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.695	65	30425	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	107161	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.685	67	36271	4.394	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	96468	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	11223	4.206	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.627	63	64117	54.144	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	33450	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	37954	4.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	23155	5.057	ug/L	97
3) Chloromethane	1.515	50	26213	4.603	ug/L	95
5) Vinyl chloride	1.595	62	31750	4.761	ug/L	94
6) Bromomethane	1.849	94	21311	4.513	ug/L	93
8) Chloroethane	1.927	64	21132	4.672	ug/L	100
9) Trichlorofluoromethane	2.129	101	51975	5.560	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31219	5.068	ug/L	100
12) 1,1-Dichloroethene	2.570	96	27719	4.953	ug/L	87
13) Acetone	2.653	43	34365	35.590	ug/L	89
14) Carbon disulfide	2.782	76	60686	4.298	ug/L	100
15) Methyl Acetate	2.959	43	10649	5.323	ug/L	99
16) Methylene chloride	3.039	84	34021	4.276	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	69737	5.285	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	26939	4.907	ug/L	96
19) 1,1-Dichloroethane	3.859	63	60948	5.377	ug/L	99
21) 2-Butanone	4.718	43	56881	39.524	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	33510	5.056	ug/L	98
23) Bromochloromethane	4.968	128	15976	5.222	ug/L	97
25) Chloroform	5.081	83	67457	5.470	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	38168	5.819	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	54319	5.623	ug/L	99
30) Cyclohexane	5.380	56	34959	4.471	ug/L	95
31) Carbon tetrachloride	5.515	117	47247	5.581	ug/L	100
33) Benzene	5.766	78	130379	5.132	ug/L	100
34) Trichloroethene	6.537	95	33680	5.065	ug/L	100
35) Methylcyclohexane	6.756	83	38695	4.456	ug/L	100
37) 1,2-Dichloropropane	6.785	63	36907	5.338	ug/L	100
38) Bromodichloromethane	7.100	83	47332	5.539	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	42733	4.550	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	184810	57.264	ug/L	97
42) Toluene	7.962	91	141911	5.287	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	36682	4.728	ug/L	94
45) 1,1,2-Trichloroethane	8.393	97	27686	5.229	ug/L	97
47) Tetrachloroethene	8.547	164	26191	5.035	ug/L	98
48) 2-Hexanone	8.679	43	137827	56.335	ug/L	98
49) Dibromochloromethane	8.804	129	31451	5.586	ug/L	97
50) 1,2-Dibromoethane	8.920	107	24441	5.185	ug/L	99
51) Chlorobenzene	9.441	112	91898	5.074	ug/L	97
52) Ethylbenzene	9.566	91	141644	5.009	ug/L	100
53) m,p-Xylene	9.688	106	53925	5.017	ug/L	99
54) o-Xylene	10.094	106	54456	5.295	ug/L	99
55) Styrene	10.110	104	94235	5.295	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	34533	5.245	ug/L	99
59) Bromoform	10.283	173	19073	5.485	ug/L	97
60) Isopropylbenzene	10.479	105	143314	5.183	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	23992	5.412	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	109907	5.163	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	108136	5.155	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	74410	5.281	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	73078	5.145	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	69032	5.188	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	4810	5.788	ug/L	91
69) 1,3,5-Trichlorobenzene	13.212	180	51511	4.837	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	38868	4.649	ug/L	100
71) Naphthalene	14.081	128	58393	4.912	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	36107	4.821	ug/L	96

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

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