

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101424\
 Data File : VU061130.D
 Acq On : 14 Oct 2024 12:36
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005106

Quant Time: Oct 15 05:38:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 15 05:36:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	167526	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	154301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	72895	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36723	3.066	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.907	69	34487	3.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.560	65	17809	3.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.621	46	140138	48.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.700%
24) Chloroform-d	5.055	84	93552	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.695	65	48393	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.718	84	171022	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.682	67	57691	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.891	98	153659	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	23286	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.627	63	113796	48.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.240%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	47116	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	53773	4.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	37764	4.625	ug/L	99
3) Chloromethane	1.518	50	53665	4.551	ug/L	95
5) Vinyl chloride	1.602	62	56918	4.808	ug/L	97
6) Bromomethane	1.853	94	24209	3.834	ug/L	96
8) Chloroethane	1.927	64	37061	5.161	ug/L	100
9) Trichlorofluoromethane	2.133	101	79619	5.234	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	53196	5.295	ug/L	94
12) 1,1-Dichloroethene	2.573	96	49291	5.095	ug/L	91
13) Acetone	2.631	43	87900	47.639	ug/L	98
14) Carbon disulfide	2.788	76	160280	4.876	ug/L	100
15) Methyl Acetate	2.949	43	21478	4.781	ug/L	100
16) Methylene chloride	3.039	84	55786	5.023	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	137416	4.964	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	54029	5.095	ug/L	96
19) 1,1-Dichloroethane	3.859	63	107235	5.197	ug/L	98
21) 2-Butanone	4.698	43	146899	48.362	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	60267	5.103	ug/L	96
23) Bromochloromethane	4.965	128	25028	5.265	ug/L	# 93
25) Chloroform	5.078	83	107884	5.219	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68687	5.045	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	91413	5.120	ug/L	97
30) Cyclohexane	5.380	56	99056	4.980	ug/L	93
31) Carbon tetrachloride	5.515	117	80408	5.306	ug/L	100
33) Benzene	5.766	78	236749	5.205	ug/L	100
34) Trichloroethene	6.534	95	62247	5.048	ug/L	95
35) Methylcyclohexane	6.753	83	100410	5.042	ug/L	98
37) 1,2-Dichloropropane	6.782	63	61820	5.157	ug/L #	97
38) Bromodichloromethane	7.097	83	77186	5.151	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	93694	4.985	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	375959	48.966	ug/L	96
42) Toluene	7.962	91	251224	5.184	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	76917	4.949	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	40376	5.082	ug/L	97
47) Tetrachloroethene	8.547	164	43276	5.393	ug/L	96
48) 2-Hexanone	8.676	43	274058	51.484	ug/L	94
49) Dibromochloromethane	8.801	129	49105	5.313	ug/L	97
50) 1,2-Dibromoethane	8.917	107	39296	5.225	ug/L #	97
51) Chlorobenzene	9.441	112	154391	5.230	ug/L	96
52) Ethylbenzene	9.563	91	279459	5.089	ug/L	99
53) m,p-Xylene	9.688	106	101214	5.053	ug/L	92
54) o-Xylene	10.094	106	101753	5.163	ug/L	92
55) Styrene	10.106	104	160742	5.053	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.775	83	52069	5.216	ug/L	96
59) Bromoform	10.283	173	25473	5.091	ug/L #	98
60) Isopropylbenzene	10.476	105	250721	5.143	ug/L	98
61) 1,2,3-Trichloropropane	10.814	75	37437	5.228	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	217297	5.058	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	218497	5.038	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	108819	5.207	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	106763	5.168	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	100700	5.214	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	7950	5.090	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	76923	5.228	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	58823	5.217	ug/L	97
71) Naphthalene	14.081	128	100236	5.442	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	48575	5.177	ug/L	98

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

