

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063167.D
 Acq On : 05 Feb 2025 18:20
 Operator : MD/SY
 Sample : Q1228-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2993MS

Quant Time: Feb 06 07:32:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87764	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	40138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22087	4.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.898	69	21904	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.554	65	10155	4.531	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.605	46	87662	53.044	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.080%
24) Chloroform-d	5.049	84	55123	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.689	65	28637	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.714	84	103987	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.676	67	34664	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.888	98	91821	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.171	79	13127	4.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.618	63	69521	51.270	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.540%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	32249	5.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	32801	4.894	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	37159	4.887	ug/L	99
3) Chloromethane	1.518	50	40436	4.855	ug/L	99
5) Vinyl chloride	1.599	62	41796	4.957	ug/L	99
6) Bromomethane	1.840	94	15662	3.694	ug/L	98
8) Chloroethane	1.920	64	26092	5.137	ug/L	96
9) Trichlorofluoromethane	2.126	101	48247	5.094	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	29268	5.027	ug/L	99
12) 1,1-Dichloroethene	2.567	96	29255	5.128	ug/L	94
13) Acetone	2.612	43	55351	53.186	ug/L	98
14) Carbon disulfide	2.779	76	99900	4.987	ug/L	100
15) Methyl Acetate	2.940	43	12977	4.566	ug/L	97
16) Methylene chloride	3.030	84	34740	5.091	ug/L	99
17) Methyl tert-butyl Ether	3.348	73	80119	5.096	ug/L	100
18) trans-1,2-Dichloroethene	3.338	96	30691	5.032	ug/L	96
19) 1,1-Dichloroethane	3.853	63	62126	5.066	ug/L	98
21) 2-Butanone	4.685	43	93854	54.316	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	36100	5.305	ug/L	100
23) Bromochloromethane	4.962	128	15540	5.091	ug/L	99
25) Chloroform	5.074	83	62280	5.160	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	41133	5.172	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	50692	5.122	ug/L	99
30) Cyclohexane	5.373	56	51399	4.907	ug/L	99
31) Carbon tetrachloride	5.509	117	42474	5.086	ug/L	99
33) Benzene	5.759	78	141035	5.126	ug/L	100
34) Trichloroethene	6.531	95	35109	5.024	ug/L	97
35) Methylcyclohexane	6.750	83	49474	4.725	ug/L	98
37) 1,2-Dichloropropane	6.779	63	37878	5.162	ug/L	100
38) Bromodichloromethane	7.094	83	44511	5.051	ug/L	100
39) cis-1,3-Dichloropropene	7.595	75	51932	4.962	ug/L	100
40) 4-Methyl-2-pentanone	7.775	43	230188	53.141	ug/L	100
42) Toluene	7.959	91	147611	5.133	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	44019	5.024	ug/L	100
45) 1,1,2-Trichloroethane	8.386	97	27604	5.093	ug/L	98
47) Tetrachloroethene	8.544	164	26060	5.310	ug/L	99
48) 2-Hexanone	8.669	43	169226	55.377	ug/L	99
49) Dibromochloromethane	8.798	129	29114	5.103	ug/L	99
50) 1,2-Dibromoethane	8.914	107	26692	5.369	ug/L	93
51) Chlorobenzene	9.434	112	87970	5.067	ug/L	98
52) Ethylbenzene	9.560	91	151147	5.025	ug/L	100
53) m,p-Xylene	9.682	106	56761	5.231	ug/L	98
54) o-Xylene	10.090	106	55772	5.183	ug/L	100
55) Styrene	10.103	104	91941	5.191	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.769	83	35816	5.148	ug/L	99
59) Bromoform	10.280	173	17604	5.087	ug/L	99
60) Isopropylbenzene	10.473	105	145367	5.100	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	24860	5.132	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	114557	5.095	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	111731	5.168	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	64746	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	64842	4.994	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	63558	5.267	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5277	5.446	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	44099	4.998	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	35744	5.149	ug/L	99
71) Naphthalene	14.081	128	62987	5.528	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	34210	5.515	ug/L	98

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

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