

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063168.D
 Acq On : 05 Feb 2025 18:45
 Operator : MD/SY
 Sample : Q1228-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2993MSD

Quant Time: Feb 06 07:32:48 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	83353	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	80747	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	37827	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21689	4.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.901	69	21366	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.554	65	9771	4.591	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.605	46	85737	54.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.240%
24) Chloroform-d	5.049	84	53990	5.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.689	65	28199	5.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.714	84	103316	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.679	67	34262	4.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.888	98	91475	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	8.171	79	12517	4.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.621	63	68714	52.474	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.940%
56) 1,1,2,2-Tetrachloroeth...	10.743	84	31961	5.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	32165	5.092	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	38028	5.266	ug/L	100
3) Chloromethane	1.518	50	40184	5.080	ug/L	99
5) Vinyl chloride	1.599	62	42743	5.338	ug/L	100
6) Bromomethane	1.843	94	16631	4.131	ug/L	99
8) Chloroethane	1.920	64	26237	5.439	ug/L	98
9) Trichlorofluoromethane	2.129	101	49278	5.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	30728	5.557	ug/L	100
12) 1,1-Dichloroethene	2.566	96	29143	5.379	ug/L	98
13) Acetone	2.611	43	55668	56.321	ug/L	99
14) Carbon disulfide	2.782	76	100997	5.309	ug/L	98
15) Methyl Acetate	2.939	43	13403	4.965	ug/L	100
16) Methylene chloride	3.029	84	34250	5.285	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	80596	5.398	ug/L	99
18) trans-1,2-Dichloroethene	3.338	96	32029	5.529	ug/L	99
19) 1,1-Dichloroethane	3.853	63	63214	5.427	ug/L	97
21) 2-Butanone	4.682	43	93064	56.709	ug/L	97
22) cis-1,2-Dichloroethene	4.650	96	36744	5.685	ug/L	97
23) Bromochloromethane	4.962	128	15942	5.499	ug/L	98
25) Chloroform	5.071	83	63165	5.510	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	42179	5.585	ug/L	100
29) 1,1,1-Trichloroethane	5.300	97	51335	5.371	ug/L	99
30) Cyclohexane	5.373	56	53157	5.255	ug/L	100
31) Carbon tetrachloride	5.512	117	43105	5.345	ug/L	100
33) Benzene	5.759	78	142885	5.377	ug/L	100
34) Trichloroethene	6.531	95	35600	5.275	ug/L	98
35) Methylcyclohexane	6.753	83	51678	5.110	ug/L	99
37) 1,2-Dichloropropane	6.775	63	39027	5.507	ug/L	99
38) Bromodichloromethane	7.094	83	45231	5.315	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	52887	5.233	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	231412	55.321	ug/L	100
42) Toluene	7.959	91	151655	5.461	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	44829	5.299	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	27723	5.297	ug/L	96
47) Tetrachloroethene	8.544	164	25532	5.387	ug/L	97
48) 2-Hexanone	8.669	43	167624	56.800	ug/L	98
49) Dibromochloromethane	8.798	129	29708	5.392	ug/L	99
50) 1,2-Dibromoethane	8.914	107	26082	5.433	ug/L	100
51) Chlorobenzene	9.438	112	89974	5.367	ug/L	99
52) Ethylbenzene	9.560	91	154317	5.312	ug/L	100
53) m,p-Xylene	9.682	106	58177	5.552	ug/L	99
54) o-Xylene	10.090	106	56796	5.466	ug/L	98
55) Styrene	10.103	104	94195	5.507	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.769	83	36236	5.394	ug/L	99
59) Bromoform	10.280	173	17838	5.469	ug/L	96
60) Isopropylbenzene	10.473	105	151080	5.624	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	24819	5.437	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	118032	5.571	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	115334	5.660	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	67168	5.519	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	65143	5.324	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	64247	5.649	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5289	5.791	ug/L	99
69) 1,3,5-Trichlorobenzene	13.209	180	45725	5.499	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	36361	5.558	ug/L	100
71) Naphthalene	14.077	128	62985	5.866	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	34841	5.960	ug/L	98

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

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