

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012725\
 Data File : VU063054.D
 Acq On : 28 Jan 2025 07:46
 Operator : MD/SY
 Sample : Q1195-09MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2959MSD

Quant Time: Jan 29 08:22:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 29 08:16:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	138515	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.402	117	137722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	71075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	22022	4.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.904	69	16604	4.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.557	65	11760	3.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	4.605	46	247874	171.519	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	343.040%#
24) Chloroform-d	5.046	84	126932	6.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	128.400%#
26) 1,2-Dichloroethane-d4	5.689	65	48174	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.715	84	130917	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.676	67	44276	5.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.885	98	267782	8.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	172.200%#
43) trans-1,3-Dichloroprop...	8.171	79	42254	8.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	170.400%#
46) 2-Hexanone-d5	8.621	63	186766	150.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	301.780%#
56) 1,1,2,2-Tetrachloroeth...	10.743	84	34127	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.181	152	53610	4.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	100748	8.120	ug/L	100
3) Chloromethane	1.515	50	74371	12.461	ug/L	97
5) Vinyl chloride	1.599	62	32908	4.939	ug/L #	77
6) Bromomethane	1.847	94	9968	3.127	ug/L	99
8) Chloroethane	1.927	64	16957	5.040	ug/L	98
9) Trichlorofluoromethane	2.129	101	72883	4.326	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36290	4.378	ug/L	93
12) 1,1-Dichloroethene	2.570	96	31576	4.388	ug/L	87
13) Acetone	2.612	43	44362	47.473	ug/L	96
14) Carbon disulfide	2.782	76	88543	4.803	ug/L	99
15) Methyl Acetate	2.940	43	8947	4.986	ug/L	99
16) Methylene chloride	3.033	84	36210	4.773	ug/L	95
17) Methyl tert-butyl Ether	3.348	73	178492	8.281	ug/L	96
18) trans-1,2-Dichloroethene	3.342	96	59324	7.704	ug/L	93
19) 1,1-Dichloroethane	3.853	63	180267	13.505	ug/L	96
21) 2-Butanone	4.686	43	241162	189.221	ug/L	90
22) cis-1,2-Dichloroethene	4.650	96	100432	10.913	ug/L	88
23) Bromochloromethane	4.956	128	28750	6.225	ug/L #	70
25) Chloroform	5.071	83	145631	7.552	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.779	62	63119	4.669	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	96368	4.513	ug/L	99
30) Cyclohexane	5.377	56	71140	7.152	ug/L	99
31) Carbon tetrachloride	5.512	117	102622	4.991	ug/L	97
33) Benzene	5.760	78	162686	4.876	ug/L	100
34) Trichloroethene	6.531	95	54714	4.826	ug/L	98
35) Methylcyclohexane	6.750	83	74505	5.216	ug/L	99
37) 1,2-Dichloropropane	6.776	63	46686	6.221	ug/L	100
38) Bromodichloromethane	7.094	83	85906	5.713	ug/L	98
39) cis-1,3-Dichloropropene	7.595	75	158756	11.236	ug/L	100
40) 4-Methyl-2-pentanone	7.776	43	669712	184.994	ug/L #	91
42) Toluene	7.959	91	407370	10.272	ug/L	98
44) trans-1,3-Dichloropropene	8.200	75	131762	10.124	ug/L	100
45) 1,1,2-Trichloroethane	8.386	97	75779	10.729	ug/L	96
47) Tetrachloroethene	8.541	164	67863	6.882	ug/L	97
48) 2-Hexanone	8.669	43	474562	188.992	ug/L #	91
49) Dibromochloromethane	8.798	129	85650	7.771	ug/L	100
50) 1,2-Dibromoethane	8.914	107	70979	9.949	ug/L #	100
51) Chlorobenzene	9.435	112	113286	4.119	ug/L	99
52) Ethylbenzene	9.560	91	197907	4.282	ug/L	100
53) m,p-Xylene	9.682	106	80022	4.483	ug/L	96
54) o-Xylene	10.087	106	93406	5.712	ug/L	97
55) Styrene	10.103	104	162174	5.866	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	36029	4.560	ug/L #	90
59) Bromoform	10.280	173	36639	5.425	ug/L	97
60) Isopropylbenzene	10.473	105	226404	5.027	ug/L	99
61) 1,2,3-Trichloropropane	10.811	75	28610	5.002	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	192456	4.874	ug/L	98
63) 1,2,4-Trimethylbenzene	11.457	105	189175	5.066	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	107845	4.716	ug/L	99
65) 1,4-Dichlorobenzene	11.824	146	108056	4.711	ug/L	96
67) 1,2-Dichlorobenzene	12.200	146	97942	4.553	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	8033	5.311	ug/L	89
69) 1,3,5-Trichlorobenzene	13.209	180	81649	4.470	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	61775	4.321	ug/L	99
71) Naphthalene	14.078	128	98908	5.392	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	54717	4.430	ug/L	94

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

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