

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063093.D
 Acq On : 29 Jan 2025 16:50
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005126

Quant Time: Jan 30 07:36:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 07:33:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	115990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	110062	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	9912	2.377	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	47.600%
7) Chloroethane-d5	1.904	69	9380	2.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.200%#
11) 1,1-Dichloroethene-d2	2.554	65	7058	2.831	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	4.605	46	67342	55.647	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.300%
24) Chloroform-d	5.049	84	65293	3.942	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	5.688	65	40608	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.714	84	98916	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.679	67	28364	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.888	98	95068	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.171	79	17126	4.320	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.621	63	66736	67.464	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.920%#
56) 1,1,2,2-Tetrachloroeth...	10.746	84	32379	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.183	152	48673	4.193	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.380	85	46451	4.471	ug/L	98
3) Chloromethane	1.518	50	19035	3.809	ug/L	96
5) Vinyl chloride	1.599	62	21486	3.851	ug/L	98
6) Bromomethane	1.846	94	8871	3.323	ug/L	90
8) Chloroethane	1.923	64	11086	3.935	ug/L	98
9) Trichlorofluoromethane	2.129	101	56953	4.037	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	31192	4.494	ug/L	88
12) 1,1-Dichloroethene	2.566	96	26208	4.349	ug/L	86
13) Acetone	2.611	43	38147	48.750	ug/L	94
14) Carbon disulfide	2.779	76	67124	4.348	ug/L	100
15) Methyl Acetate	2.936	43	8168	5.435	ug/L	93
16) Methylene chloride	3.033	84	28707	4.519	ug/L	98
17) Methyl tert-butyl Ether	3.348	73	94738	5.249	ug/L	96
18) trans-1,2-Dichloroethene	3.341	96	30886	4.790	ug/L	95
19) 1,1-Dichloroethane	3.853	63	54219	4.851	ug/L	94
21) 2-Butanone	4.685	43	65298	61.184	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	38793	5.034	ug/L	96
23) Bromochloromethane	4.959	128	20150	5.210	ug/L #	78
25) Chloroform	5.074	83	78550	4.864	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	59501	5.257	ug/L	97
29) 1,1,1-Trichloroethane	5.303	97	81059	4.750	ug/L	99
30) Cyclohexane	5.373	56	40308	5.071	ug/L	86
31) Carbon tetrachloride	5.512	117	78963	4.806	ug/L	95
33) Benzene	5.762	78	143161	5.369	ug/L	100
34) Trichloroethene	6.531	95	45098	4.977	ug/L	97
35) Methylcyclohexane	6.753	83	57887	5.071	ug/L	96
37) 1,2-Dichloropropane	6.778	63	33409	5.571	ug/L #	97
38) Bromodichloromethane	7.094	83	61810	5.143	ug/L	97
39) cis-1,3-Dichloropropene	7.595	75	65952	5.841	ug/L	96
40) 4-Methyl-2-pentanone	7.775	43	190990	66.015	ug/L	96
42) Toluene	7.958	91	171904	5.424	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	60815	5.847	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	31976	5.665	ug/L	89
47) Tetrachloroethene	8.544	164	39579	5.022	ug/L	97
48) 2-Hexanone	8.672	43	138416	68.977	ug/L	98
49) Dibromochloromethane	8.798	129	47061	5.343	ug/L	100
50) 1,2-Dibromoethane	8.913	107	32531	5.706	ug/L	99
51) Chlorobenzene	9.438	112	116951	5.322	ug/L	97
52) Ethylbenzene	9.560	91	202701	5.488	ug/L	99
53) m,p-Xylene	9.685	106	76171	5.340	ug/L	96
54) o-Xylene	10.090	106	67255	5.146	ug/L	95
55) Styrene	10.106	104	114355	5.176	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	37269	5.902	ug/L #	95
59) Bromoform	10.280	173	31643	5.136	ug/L	99
60) Isopropylbenzene	10.473	105	217957	5.304	ug/L	100
61) 1,2,3-Trichloropropane	10.810	75	28488	5.460	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	190592	5.291	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	186671	5.479	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	105940	5.079	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	106168	5.074	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	100021	5.096	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.984	75	9027	6.542	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	84720	5.084	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	73154	5.609	ug/L	99
71) Naphthalene	14.080	128	107259	6.409	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64145	5.692	ug/L	95

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

