

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120924\
 Data File : VU062156.D
 Acq On : 09 Dec 2024 13:27
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV061

Quant Time: Dec 09 15:56:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 09 13:19:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	111088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103100	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	54012	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36677	4.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.907	69	28074	5.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.560	65	18393	5.160	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.628	46	71218	49.594	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.180%
24) Chloroform-d	5.052	84	80888	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.692	65	41194	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.718	84	154588	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
36) 1,2-Dichloropropane-d6	6.682	67	42748	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	144940	5.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	19878	5.315	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.627	63	58753	52.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	33287	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	51590	5.183	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	54338	5.222	ug/L	98
3) Chloromethane	1.515	50	41485	5.086	ug/L	98
5) Vinyl chloride	1.599	62	43921	5.172	ug/L	100
6) Bromomethane	1.853	94	29712	5.249	ug/L	98
8) Chloroethane	1.927	64	23084	4.853	ug/L	97
9) Trichlorofluoromethane	2.132	101	74789	5.074	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	41116	5.125	ug/L	91
12) 1,1-Dichloroethene	2.573	96	36685	4.891	ug/L	90
13) Acetone	2.644	43	49444	50.569	ug/L	97
14) Carbon disulfide	2.785	76	118044	4.977	ug/L	99
15) Methyl Acetate	2.952	43	11497	4.692	ug/L	91
16) Methylene chloride	3.036	84	40385	5.129	ug/L	89
17) Methyl tert-butyl Ether	3.354	73	93526	5.005	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	39132	5.078	ug/L	93
19) 1,1-Dichloroethane	3.859	63	70365	4.981	ug/L	96
21) 2-Butanone	4.705	43	73958	52.086	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	43976	5.091	ug/L	92
23) Bromochloromethane	4.965	128	19219	5.076	ug/L #	85
25) Chloroform	5.078	83	80521	5.061	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	48689	4.815	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	77419	5.338	ug/L	94
30) Cyclohexane	5.377	56	61093	5.195	ug/L	93
31) Carbon tetrachloride	5.515	117	68433	5.146	ug/L	99
33) Benzene	5.766	78	166097	5.199	ug/L	100
34) Trichloroethene	6.534	95	47740	5.275	ug/L	97
35) Methylcyclohexane	6.753	83	70928	5.286	ug/L	96
37) 1,2-Dichloropropane	6.782	63	39472	5.073	ug/L	100
38) Bromodichloromethane	7.097	83	56384	5.136	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	65753	5.272	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	184208	50.515	ug/L #	92
42) Toluene	7.962	91	182157	5.287	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	53502	5.253	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	30409	5.177	ug/L	98
47) Tetrachloroethene	8.544	164	37782	5.407	ug/L	97
48) 2-Hexanone	8.676	43	139324	51.698	ug/L #	94
49) Dibromochloromethane	8.801	129	37596	5.298	ug/L	94
50) 1,2-Dibromoethane	8.917	107	28670	5.080	ug/L #	97
51) Chlorobenzene	9.438	112	115032	5.211	ug/L	98
52) Ethylbenzene	9.563	91	204758	5.301	ug/L	99
53) m,p-Xylene	9.685	106	77443	5.430	ug/L	96
54) o-Xylene	10.094	106	73441	5.295	ug/L	100
55) Styrene	10.106	104	124623	5.451	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	34195	5.002	ug/L #	99
59) Bromoform	10.283	173	21878	5.154	ug/L	98
60) Isopropylbenzene	10.476	105	207597	5.321	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	24713	4.948	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	177306	5.370	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	172989	5.347	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	93402	5.211	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	93348	5.172	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	86846	5.243	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5750	5.278	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	70617	5.300	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	58576	5.569	ug/L	97
71) Naphthalene	14.081	128	100642	6.372	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	52502	5.660	ug/L	100

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

