

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
 Data File : VU062095.D
 Acq On : 05 Dec 2024 12:54
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050099

Quant Time: Dec 06 00:45:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 00:44:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	174144	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	164878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	87283	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54955	45.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.100%
7) Chloroethane-d5	1.907	69	41079	47.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.480%
11) 1,1-Dichloroethene-d2	2.563	63	109620	47.917	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.840%
21) 2-Butanone-d5	4.615	46	82561	100.694	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.690%
24) Chloroform-d	5.052	84	122124	48.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.980%
26) 1,2-Dichloroethane-d4	5.692	65	79937	49.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
32) Benzene-d6	5.718	84	227582	48.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
36) 1,2-Dichloropropane-d6	6.682	67	71083	47.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.940%
41) Toluene-d8	7.891	98	218611	50.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.180%
43) trans-1,3-Dichloroprop...	8.174	79	38390	51.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.680%
47) 2-Hexanone-d5	8.624	63	54613	97.849	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.850%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	106088	49.201	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	84044	48.946	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	85130	51.197	ug/L	100
3) Chloromethane	1.518	50	67202	49.045	ug/L	99
5) Vinyl chloride	1.599	62	68545	48.505	ug/L	99
6) Bromomethane	1.850	94	42159	54.315	ug/L	99
8) Chloroethane	1.927	64	39746	48.826	ug/L	95
9) Trichlorofluoromethane	2.133	101	109603	50.732	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	62024	51.205	ug/L	99
12) 1,1-Dichloroethene	2.573	96	55073	49.988	ug/L	96
13) Acetone	2.621	43	94622	96.370	ug/L	96
14) Carbon disulfide	2.788	76	162875	49.144	ug/L	99
15) Methyl Acetate	2.943	43	59062	48.774	ug/L	98
16) Methylene chloride	3.036	84	63201	50.315	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	56545	49.925	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	189650	49.683	ug/L	99
19) 1,1-Dichloroethane	3.859	63	107500	49.532	ug/L	98
20) cis-1,2-Dichloroethene	4.657	96	64709	50.159	ug/L	95
22) 2-Butanone	4.695	43	101231	95.592	ug/L	99
23) Bromochloromethane	4.965	128	33831	50.423	ug/L	98
25) Chloroform	5.078	83	119024	50.533	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	96559	51.327	ug/L	98
29) Cyclohexane	5.380	56	94251	50.041	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	109079	51.144	ug/L	97
31) Carbon tetrachloride	5.515	117	97269	51.034	ug/L	100
33) Benzene	5.766	78	244623	49.861	ug/L	100
34) Trichloroethene	6.534	95	67757	50.578	ug/L	95
35) Methylcyclohexane	6.756	83	102172	50.310	ug/L	99
37) 1,2-Dichloropropane	6.782	63	65061	50.116	ug/L	99
38) Bromodichloromethane	7.097	83	89896	51.394	ug/L	96
39) cis-1,3-Dichloropropene	7.599	75	104182	49.698	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	161164	99.378	ug/L	99
42) Toluene	7.962	91	265952	50.707	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	99517	51.338	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	65998	51.226	ug/L	98
46) Tetrachloroethene	8.547	164	51629	50.718	ug/L	98
48) 2-Hexanone	8.676	43	136281	99.685	ug/L	97
49) Dibromochloromethane	8.801	129	69629	51.721	ug/L	98
50) 1,2-Dibromoethane	8.914	107	71327	50.964	ug/L	97
51) Chlorobenzene	9.438	112	164964	49.789	ug/L	99
52) Ethylbenzene	9.563	91	293826	50.996	ug/L	99
53) m,p-Xylene	9.685	106	111582	52.373	ug/L	98
54) o-Xylene	10.094	106	107540	51.595	ug/L	97
55) Styrene	10.107	104	182841	52.138	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	104471	49.134	ug/L	98
59) Bromoform	10.283	173	55205	50.171	ug/L #	99
60) 1,2,3-Trichloropropane	10.814	75	85273	47.809	ug/L	100
61) Isopropylbenzene	10.476	105	292754	49.817	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	247702	49.508	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	243357	50.514	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	131646	48.478	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	134052	48.636	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	130697	48.725	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	24825	49.386	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	93593	48.956	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	77953	47.758	ug/L	100
71) Naphthalene	14.081	128	216391	48.929	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	75917	48.182	ug/L	100

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

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