

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101024\
 Data File : VV037813.D
 Acq On : 10 Oct 2024 17:56
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050303

Quant Time: Oct 11 05:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 05:10:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	598050	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	583493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	323350	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	205478	39.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.280%
7) Chloroethane-d5	1.532	69	180570	44.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.620%
11) 1,1-Dichloroethene-d2	2.060	65	95401	43.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.000%
21) 2-Butanone-d5	3.796	46	174509	93.324	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.320%
24) Chloroform-d	4.243	84	465588	49.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
26) 1,2-Dichloroethane-d4	4.937	65	268003	49.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	4.953	84	869729	47.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.260%
36) 1,2-Dichloropropane-d6	5.982	67	281482	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	7.236	98	788781	47.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	7.548	79	126601	46.874	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.740%
47) 2-Hexanone-d5	8.024	63	123805	100.843	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.840%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351206	51.988	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.980%
66) 1,2-Dichlorobenzene-d4	11.551	152	321928	47.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	233445	45.852	ug/L	99
3) Chloromethane	1.220	50	229263	46.383	ug/L	100
5) Vinyl chloride	1.285	62	248016	46.804	ug/L	99
6) Bromomethane	1.487	94	143817	48.905	ug/L	97
8) Chloroethane	1.548	64	155580	47.635	ug/L	98
9) Trichlorofluoromethane	1.712	101	356791	50.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	209617	49.179	ug/L	99
12) 1,1-Dichloroethene	2.069	96	193377	48.569	ug/L	87
13) Acetone	2.114	43	134760	73.515	ug/L	97
14) Carbon disulfide	2.240	76	538351	43.317	ug/L	100
15) Methyl Acetate	2.371	43	168990	52.826	ug/L	97
16) Methylene chloride	2.445	84	220092	48.821	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	202593	48.098	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	634897	52.538	ug/L	100
19) 1,1-Dichloroethane	3.104	63	408613	50.632	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	239333	50.776	ug/L	99
22) 2-Butanone	3.879	43	182315	89.857	ug/L	99
23) Bromochloromethane	4.140	128	125482	51.465	ug/L	97
25) Chloroform	4.268	83	429262	51.375	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	307247	52.088	ug/L	99
29) Cyclohexane	4.574	56	311821	47.067	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	368162	51.230	ug/L	99
31) Carbon tetrachloride	4.725	117	317970	50.891	ug/L	100
33) Benzene	5.002	78	895468	50.886	ug/L	100
34) Trichloroethene	5.825	95	233242	49.770	ug/L	98
35) Methylcyclohexane	6.043	83	341066	47.308	ug/L	99
37) 1,2-Dichloropropane	6.088	63	236793	52.109	ug/L	98
38) Bromodichloromethane	6.429	83	316796	52.151	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	361845	49.884	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	408465	110.399	ug/L	99
42) Toluene	7.310	91	950689	52.112	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	337824	51.729	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	231383	53.029	ug/L	98
46) Tetrachloroethene	7.899	164	174314	48.649	ug/L	99
48) 2-Hexanone	8.072	43	296318	102.996	ug/L	97
49) Dibromochloromethane	8.169	129	246171	53.306	ug/L	100
50) 1,2-Dibromoethane	8.275	107	228024	50.556	ug/L	99
51) Chlorobenzene	8.808	112	629174	50.621	ug/L	99
52) Ethylbenzene	8.940	91	1050574	51.159	ug/L	100
53) m,p-Xylene	9.066	106	394278	51.589	ug/L	97
54) o-Xylene	9.471	106	388468	52.063	ug/L	95
55) Styrene	9.490	104	703601	54.168	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	319437	52.510	ug/L	100
59) Bromoform	9.657	173	161094	50.974	ug/L	98
60) Isopropylbenzene	9.860	105	1051697	50.028	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	229862	49.958	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	834635	50.218	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	834290	50.451	ug/L	98
64) 1,3-Dichlorobenzene	11.111	146	506200	50.026	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	526122	49.933	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	498134	49.799	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	54967	49.214	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	336173	48.312	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	304635	47.186	ug/L	100
71) Naphthalene	13.432	128	856951	50.805	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	309857	48.601	ug/L	98

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

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