

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037815.D
 Acq On : 11 Oct 2024 09:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050304

Quant Time: Oct 14 06:02:24 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	5.526	114	599266	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	598003	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	331689	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	203253	38.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.280%
7) Chloroethane-d5	1.532	69	182005	44.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.140%
11) 1,1-Dichloroethene-d2	2.060	65	94004	42.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.540%
21) 2-Butanone-d5	3.790	46	166609	88.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.920%
24) Chloroform-d	4.240	84	458939	49.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
26) 1,2-Dichloroethane-d4	4.934	65	263450	48.091	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
32) Benzene-d6	4.950	84	865016	46.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
36) 1,2-Dichloropropane-d6	5.979	67	275821	46.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.580%
41) Toluene-d8	7.233	98	789613	46.535	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	7.545	79	122080	44.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.200%
47) 2-Hexanone-d5	8.021	63	101045	80.307	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.310%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	317820	45.904	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.551	152	309525	44.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	242820	47.597	ug/L	99
3) Chloromethane	1.217	50	234450	47.337	ug/L	99
5) Vinyl chloride	1.285	62	253209	47.687	ug/L	99
6) Bromomethane	1.487	94	151748	51.498	ug/L	98
8) Chloroethane	1.548	64	159869	48.849	ug/L	98
9) Trichlorofluoromethane	1.716	101	365005	51.069	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	224319	52.521	ug/L	100
12) 1,1-Dichloroethene	2.069	96	201426	50.488	ug/L	84
13) Acetone	2.111	43	158354	86.211	ug/L	99
14) Carbon disulfide	2.240	76	555528	44.609	ug/L	99
15) Methyl Acetate	2.372	43	152868	47.689	ug/L	99
16) Methylene chloride	2.442	84	229984	50.912	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	215744	51.116	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	615149	50.801	ug/L	100
19) 1,1-Dichloroethane	3.101	63	419450	51.870	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	237495	50.284	ug/L	99
22) 2-Butanone	3.870	43	176315	86.724	ug/L	96
23) Bromochloromethane	4.137	128	125921	51.540	ug/L	98
25) Chloroform	4.265	83	439077	52.443	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	305596	51.703	ug/L	100
29) Cyclohexane	4.571	56	315373	46.449	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	371637	50.459	ug/L	100
31) Carbon tetrachloride	4.722	117	321914	50.273	ug/L	100
33) Benzene	4.998	78	913712	50.663	ug/L	100
34) Trichloroethene	5.825	95	239790	49.925	ug/L	99
35) Methylcyclohexane	6.040	83	357497	48.384	ug/L	99
37) 1,2-Dichloropropane	6.085	63	242373	52.043	ug/L	100
38) Bromodichloromethane	6.423	83	325632	52.305	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	375423	50.500	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	344987	90.980	ug/L	99
42) Toluene	7.307	91	976431	52.224	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	334454	49.971	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	227714	50.922	ug/L	99
46) Tetrachloroethene	7.895	164	182886	49.803	ug/L	98
48) 2-Hexanone	8.069	43	255506	86.656	ug/L	98
49) Dibromochloromethane	8.166	129	247459	52.285	ug/L	98
50) 1,2-Dibromoethane	8.275	107	223468	48.343	ug/L	100
51) Chlorobenzene	8.805	112	642139	50.411	ug/L	100
52) Ethylbenzene	8.937	91	1075360	51.095	ug/L	98
53) m,p-Xylene	9.063	106	413435	52.783	ug/L	99
54) o-Xylene	9.471	106	393025	51.396	ug/L	94
55) Styrene	9.487	104	727350	54.638	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	300418	48.185	ug/L	98
59) Bromoform	9.657	173	157139	48.472	ug/L	97
60) Isopropylbenzene	9.860	105	1082810	50.213	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	215431	45.644	ug/L	97
62) 1,3,5-Trimethylbenzene	10.468	105	854095	50.097	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	857297	50.539	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	523746	50.459	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	547340	50.641	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	507159	49.426	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	49227	42.967	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	345666	48.427	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	305312	46.102	ug/L	100
71) Naphthalene	13.432	128	710548	41.066	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	302599	46.270	ug/L	99

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

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