

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091624\
 Data File : VV037293.D
 Acq On : 16 Sep 2024 08:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050392

Quant Time: Sep 17 05:00:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 13 00:43:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	695558	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	675087	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	353493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	260836	40.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.980%
7) Chloroethane-d5	1.532	69	213872	43.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.980%
11) 1,1-Dichloroethene-d2	2.056	65	113935	42.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.200%
21) 2-Butanone-d5	3.786	46	200011	81.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.180%
24) Chloroform-d	4.240	84	488961	49.102	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.931	65	278945	44.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.960%
32) Benzene-d6	4.950	84	936437	45.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.860%
36) 1,2-Dichloropropane-d6	5.982	67	299602	46.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.820%
41) Toluene-d8	7.233	98	842806	45.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	7.545	79	134943	45.671	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	8.021	63	126171	72.388	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.390%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	335584	43.326	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.660%
66) 1,2-Dichlorobenzene-d4	11.551	152	320883	45.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	291412	49.579	ug/L	100
3) Chloromethane	1.217	50	302256	45.725	ug/L	99
5) Vinyl chloride	1.282	62	313010	50.441	ug/L	99
6) Bromomethane	1.487	94	181660	52.244	ug/L	100
8) Chloroethane	1.548	64	199270	52.499	ug/L	99
9) Trichlorofluoromethane	1.712	101	425604	52.556	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	260439	54.071	ug/L	99
12) 1,1-Dichloroethene	2.069	96	237068	52.242	ug/L	91
13) Acetone	2.108	43	233897	88.512	ug/L	100
14) Carbon disulfide	2.236	76	667980	48.488	ug/L	100
15) Methyl Acetate	2.368	43	200240	45.199	ug/L	100
16) Methylene chloride	2.442	84	265573	51.870	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	244017	51.799	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	732804	49.450	ug/L	100
19) 1,1-Dichloroethane	3.101	63	495377	52.951	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	276264	53.071	ug/L	97
22) 2-Butanone	3.870	43	251288	86.369	ug/L	98
23) Bromochloromethane	4.133	128	140052	54.808	ug/L	97
25) Chloroform	4.265	83	494635	52.206	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	361721	52.045	ug/L	99
29) Cyclohexane	4.571	56	404884	51.009	ug/L	98
30) 1,1,1-Trichloroethane	4.500	97	424284	54.621	ug/L	99
31) Carbon tetrachloride	4.722	117	362412	55.292	ug/L	99
33) Benzene	4.998	78	1057685	54.289	ug/L	100
34) Trichloroethene	5.822	95	281938	54.828	ug/L	99
35) Methylcyclohexane	6.040	83	440312	52.701	ug/L	99
37) 1,2-Dichloropropane	6.085	63	283384	54.256	ug/L	100
38) Bromodichloromethane	6.426	83	370597	55.359	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	447936	54.345	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	473639	89.197	ug/L	99
42) Toluene	7.307	91	1110621	54.751	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	394040	53.484	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	256249	52.703	ug/L	97
46) Tetrachloroethene	7.895	164	204200	55.345	ug/L	98
48) 2-Hexanone	8.069	43	347388	84.591	ug/L	100
49) Dibromochloromethane	8.169	129	268564	55.163	ug/L	99
50) 1,2-Dibromoethane	8.275	107	258204	52.480	ug/L	99
51) Chlorobenzene	8.805	112	728283	54.231	ug/L	98
52) Ethylbenzene	8.937	91	1246438	54.400	ug/L	100
53) m,p-Xylene	9.066	106	470776	55.455	ug/L	98
54) o-Xylene	9.471	106	452742	54.468	ug/L	100
55) Styrene	9.487	104	808095	56.029	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	349477	48.532	ug/L	99
59) Bromoform	9.657	173	173195	52.616	ug/L	99
60) Isopropylbenzene	9.860	105	1236925	53.975	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	262238	47.688	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	1012827	54.019	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1009764	53.966	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	567129	53.594	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	578133	53.379	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	556733	53.507	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	62538	45.603	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	395654	53.735	ug/L	98
70) 1,2,4-trichlorobenzene	13.191	180	350140	50.500	ug/L	100
71) Naphthalene	13.432	128	848636	42.388	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	345864	50.619	ug/L	99

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

