

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037142.D
 Acq On : 29 Aug 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Quant Time: Aug 29 23:33:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Semsettin Yesilyurt 08/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	572131	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	558289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	288520	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	229038	43.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.520%		
7) Chloroethane-d5	1.529	69	189807	46.925	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.860%		
11) 1,1-Dichloroethene-d2	2.057	65	101488	46.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.280%		
21) 2-Butanone-d5	3.790	46	209273m	103.257	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.260%		
24) Chloroform-d	4.240	84	418289	51.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.140%		
26) 1,2-Dichloroethane-d4	4.934	65	254447	49.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.660%		
32) Benzene-d6	4.950	84	810728	48.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
36) 1,2-Dichloropropane-d6	5.982	67	255311	48.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.680%		
41) Toluene-d8	7.236	98	734003	48.231	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.460%		
43) trans-1,3-Dichloroprop...	7.548	79	114800	46.982	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.960%		
47) 2-Hexanone-d5	8.021	63	145122	100.679	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.680%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323166	50.451	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.900%		
66) 1,2-Dichlorobenzene-d4	11.555	152	276470	47.845	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	249789	51.665	ug/L	100
3) Chloromethane	1.217	50	245251	45.106	ug/L	99
5) Vinyl chloride	1.282	62	264302	51.780	ug/L	99
6) Bromomethane	1.487	94	150002	52.446	ug/L	100
8) Chloroethane	1.549	64	168392	53.935	ug/L	100
9) Trichlorofluoromethane	1.712	101	350814	52.666	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	214176	54.059	ug/L	98
12) 1,1-Dichloroethene	2.066	96	196471	52.636	ug/L	92
13) Acetone	2.111	43	186624	85.859	ug/L	99
14) Carbon disulfide	2.237	76	561232	49.528	ug/L	99
15) Methyl Acetate	2.368	43	189924	52.118	ug/L	99
16) Methylene chloride	2.442	84	222044	52.724	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	206386	53.262	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	638535	52.384	ug/L	100
19) 1,1-Dichloroethane	3.101	63	411548	53.480	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	219664	51.302	ug/L	100
22) 2-Butanone	3.870	43	217789	91.004	ug/L	99
23) Bromochloromethane	4.137	128	110484	52.564	ug/L	97
25) Chloroform	4.269	83	399714	51.289	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037142.D
 Acq On : 29 Aug 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050378

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Semsettin Yesilyurt 08/30/2024

Quant Time: Aug 29 23:33:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	297652	52.066	ug/L	98
29) Cyclohexane	4.571	56	327942	49.959	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	335887	52.287	ug/L	99
31) Carbon tetrachloride	4.725	117	283465	52.295	ug/L	99
33) Benzene	5.002	78	841316	52.217	ug/L	100
34) Trichloroethene	5.825	95	218113	51.289	ug/L	99
35) Methylcyclohexane	6.040	83	348482	50.436	ug/L	99
37) 1,2-Dichloropropane	6.085	63	221208	51.212	ug/L	100
38) Bromodichloromethane	6.426	83	283303	51.173	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	339417	49.794	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	436376	99.372	ug/L	100
42) Toluene	7.307	91	881586	52.553	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	315709	51.817	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	210559	52.366	ug/L	98
46) Tetrachloroethene	7.899	164	159360	52.228	ug/L	97
48) 2-Hexanone	8.072	43	317478	93.481	ug/L	99
49) Dibromochloromethane	8.169	129	208149	51.699	ug/L	100
50) 1,2-Dibromoethane	8.275	107	213612	52.500	ug/L	99
51) Chlorobenzene	8.809	112	573599	51.648	ug/L	98
52) Ethylbenzene	8.940	91	993559	52.435	ug/L	99
53) m,p-Xylene	9.066	106	369081	52.571	ug/L	99
54) o-Xylene	9.471	106	355760	51.755	ug/L	99
55) Styrene	9.490	104	636675	53.379	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	307147	51.577	ug/L	100
59) Bromoform	9.661	173	131089	48.793	ug/L	99
60) Isopropylbenzene	9.860	105	971066	51.916	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	227760	50.746	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	791128	51.697	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	794308	52.011	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	435806	50.458	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	457936	51.803	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	435322	51.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	52873	47.237	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	298986	49.750	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	282786	49.971	ug/L	99
71) Naphthalene	13.432	128	804683	49.243	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	278166	49.879	ug/L	98

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

