

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100224\
 Data File : VV037713.D
 Acq On : 02 Oct 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

Quant Time: Oct 03 05:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2024
 Supervised By :Mahesh Dadoda 10/03/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	691538	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	673307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	369407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	236894	39.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.040%		
7) Chloroethane-d5	1.532	69	191306	40.599	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.200%		
11) 1,1-Dichloroethene-d2	2.056	65	102292	40.332	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.660%		
21) 2-Butanone-d5	3.786	46	172171m	79.627	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.630%		
24) Chloroform-d	4.240	84	447385	41.423	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.840%		
26) 1,2-Dichloroethane-d4	4.931	65	257840	40.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.580%		
32) Benzene-d6	4.947	84	855731	40.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.240%		
36) 1,2-Dichloropropane-d6	5.979	67	275498	41.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.120%		
41) Toluene-d8	7.233	98	793963	41.558	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.120%		
43) trans-1,3-Dichloroprop...	7.545	79	126081	40.455	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.900%		
47) 2-Hexanone-d5	8.021	63	109451	77.259	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.260%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	306156	39.274	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.540%		
66) 1,2-Dichlorobenzene-d4	11.551	152	300759	38.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	286279	48.628	ug/L	99
3) Chloromethane	1.217	50	275288	48.166	ug/L	100
5) Vinyl chloride	1.285	62	290641	47.433	ug/L	99
6) Bromomethane	1.487	94	166401	48.935	ug/L	97
8) Chloroethane	1.548	64	181130	47.960	ug/L	100
9) Trichlorofluoromethane	1.712	101	402743	48.830	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	246595	50.033	ug/L	98
12) 1,1-Dichloroethene	2.069	96	223727	48.595	ug/L	79
13) Acetone	2.108	43	203745	96.122	ug/L	99
14) Carbon disulfide	2.240	76	652289	45.390	ug/L	99
15) Methyl Acetate	2.368	43	174538	47.184	ug/L	99
16) Methylene chloride	2.442	84	249259	47.816	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	233951	48.034	ug/L	100
18) Methyl tert-butyl Ether	2.700	73	673997	48.234	ug/L	100
19) 1,1-Dichloroethane	3.101	63	452538	48.495	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	256074	46.983	ug/L	99
22) 2-Butanone	3.867	43	218059	92.945	ug/L	96
23) Bromochloromethane	4.134	128	134274	47.626	ug/L	98
25) Chloroform	4.265	83	471002	48.749	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100224\
 Data File : VV037713.D
 Acq On : 02 Oct 2024 09:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050290

Quant Time: Oct 03 05:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/03/2024
 Supervised By :Mahesh Dadoda 10/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	331816	48.648	ug/L	100
29) Cyclohexane	4.571	56	357877	46.814	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	396578	47.823	ug/L	99
31) Carbon tetrachloride	4.722	117	346865	48.111	ug/L	100
33) Benzene	4.998	78	983502	48.434	ug/L	100
34) Trichloroethene	5.822	95	256858	47.498	ug/L	98
35) Methylcyclohexane	6.040	83	396841	47.702	ug/L	99
37) 1,2-Dichloropropane	6.085	63	258212	49.243	ug/L	100
38) Bromodichloromethane	6.423	83	341444	48.711	ug/L	98
39) cis-1,3-Dichloropropene	6.944	75	408887	48.850	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	400129	93.720	ug/L	99
42) Toluene	7.307	91	1051815	49.965	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	366032	48.572	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	241168	47.899	ug/L	99
46) Tetrachloroethene	7.895	164	195791	47.354	ug/L	98
48) 2-Hexanone	8.069	43	309602	93.259	ug/L	100
49) Dibromochloromethane	8.169	129	254780	47.811	ug/L	100
50) 1,2-Dibromoethane	8.275	107	241203	46.344	ug/L	98
51) Chlorobenzene	8.805	112	683108	47.629	ug/L	100
52) Ethylbenzene	8.937	91	1154645	48.727	ug/L	99
53) m,p-Xylene	9.063	106	444163	50.364	ug/L	99
54) o-Xylene	9.471	106	422546	49.077	ug/L	98
55) Styrene	9.487	104	766013	51.106	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	324845	46.276	ug/L	99
59) Bromoform	9.657	173	167165	46.300	ug/L	97
60) Isopropylbenzene	9.857	105	1154246	48.060	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	235683	44.837	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	915096	48.194	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	910748	48.208	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	546747	47.296	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	559264	46.461	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	533481	46.683	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	53585	41.995	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	361177	45.434	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	326241	44.232	ug/L	100
71) Naphthalene	13.432	128	772552	40.091	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	317267	43.559	ug/L	99

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

