

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101824\
 Data File : VV037897.D
 Acq On : 18 Oct 2024 16:14
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

Quant Time: Oct 18 23:17:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 23:14:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	466055	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	474636	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	275815	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	201077	49.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.300%
7) Chloroethane-d5	1.532	69	173713	54.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.056	65	92180	53.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.860%
21) 2-Butanone-d5	3.789	46	154288m	105.879	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.880%
24) Chloroform-d	4.240	84	435058	59.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.540%
26) 1,2-Dichloroethane-d4	4.931	65	251876	59.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.240%
32) Benzene-d6	4.947	84	824109	55.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.980%
36) 1,2-Dichloropropane-d6	5.979	67	260998	55.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.380%
41) Toluene-d8	7.233	98	767759	57.008	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.020%
43) trans-1,3-Dichloroprop...	7.545	79	115537	52.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.180%
47) 2-Hexanone-d5	8.021	63	100522	100.657	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	303228	55.180	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.360%
66) 1,2-Dichlorobenzene-d4	11.551	152	299436	51.521	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	212972	53.678	ug/L	98
3) Chloromethane	1.217	50	208304	54.079	ug/L	99
5) Vinyl chloride	1.285	62	225083	54.506	ug/L	99
6) Bromomethane	1.487	94	132378	57.765	ug/L	96
8) Chloroethane	1.548	64	146518	57.566	ug/L	99
9) Trichlorofluoromethane	1.712	101	340993	61.346	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	210677	63.426	ug/L	99
12) 1,1-Dichloroethene	2.066	96	184928	59.601	ug/L	94
13) Acetone	2.111	43	125462	87.827	ug/L	100
14) Carbon disulfide	2.236	76	455155	46.995	ug/L	100
15) Methyl Acetate	2.368	43	155264	62.281	ug/L	100
16) Methylene chloride	2.442	84	214698	61.112	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	192585	58.671	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	604922	64.235	ug/L	100
19) 1,1-Dichloroethane	3.101	63	394292	62.695	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	226586	61.686	ug/L	99
22) 2-Butanone	3.873	43	166113	105.059	ug/L	97
23) Bromochloromethane	4.137	128	120293	63.310	ug/L	96
25) Chloroform	4.265	83	428920	65.872	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101824\
 Data File : VV037897.D
 Acq On : 18 Oct 2024 16:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050313

Quant Time: Oct 18 23:17:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 23:14:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/21/2024
 Supervised By :Semsettin Yesilyurt 10/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	293309	63.808	ug/L	100
29) Cyclohexane	4.568	56	272178	50.506	ug/L	97
30) 1,1,1-Trichloroethane	4.500	97	353482	60.468	ug/L	100
31) Carbon tetrachloride	4.722	117	304982	60.008	ug/L	100
33) Benzene	4.998	78	854838	59.718	ug/L	100
34) Trichloroethene	5.825	95	222016	58.240	ug/L	99
35) Methylcyclohexane	6.040	83	319698	54.515	ug/L	99
37) 1,2-Dichloropropane	6.085	63	232508	62.901	ug/L	99
38) Bromodichloromethane	6.423	83	311197	62.979	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	334699	56.724	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	359029	119.293	ug/L	100
42) Toluene	7.307	91	915344	61.682	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	319220	60.091	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	224764	63.326	ug/L	99
46) Tetrachloroethene	7.895	164	171459	58.827	ug/L	97
48) 2-Hexanone	8.072	43	258835	110.602	ug/L	98
49) Dibromochloromethane	8.169	129	241595	64.314	ug/L	99
50) 1,2-Dibromoethane	8.275	107	220380	60.067	ug/L	98
51) Chlorobenzene	8.805	112	610730	60.407	ug/L	100
52) Ethylbenzene	8.937	91	1010461	60.491	ug/L	99
53) m,p-Xylene	9.066	106	394188	63.407	ug/L	98
54) o-Xylene	9.471	106	372674	61.402	ug/L	97
55) Styrene	9.487	104	693975	65.680	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	300713	60.769	ug/L	100
59) Bromoform	9.657	173	159459	59.152	ug/L	98
60) Isopropylbenzene	9.860	105	1030541	57.470	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	219934	56.038	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	810554	57.174	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	813255	57.654	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	505878	58.610	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	527963	58.744	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	497208	58.273	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	50084	52.570	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	333815	56.241	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	296117	53.772	ug/L	100
71) Naphthalene	13.432	128	703342	48.885	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	296024	54.434	ug/L	99

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

