

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100424\
 Data File : VV037730.D
 Acq On : 04 Oct 2024 08:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050294

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/07/2024
 Supervised By :Mahesh Dadoda 10/07/2024

Quant Time: Oct 07 04:07:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 02:26:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	666888	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.777	117	648957	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	354823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	271861	46.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.880%		
7) Chloroethane-d5	1.532	69	218021	47.979	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.960%		
11) 1,1-Dichloroethene-d2	2.060	65	116152	47.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.980%		
21) 2-Butanone-d5	3.790	46	191299m	91.743	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.740%		
24) Chloroform-d	4.240	84	507924	48.767	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.540%		
26) 1,2-Dichloroethane-d4	4.934	65	293017	48.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.120%		
32) Benzene-d6	4.950	84	982434	48.379	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
36) 1,2-Dichloropropane-d6	5.982	67	307489	47.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.100%		
41) Toluene-d8	7.233	98	905365	49.167	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.340%		
43) trans-1,3-Dichloroprop...	7.545	79	137951	45.924	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.840%		
47) 2-Hexanone-d5	8.021	63	120191	88.024	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.020%		
56) 1,1,2,2-Tetrachloroeth...	10.143	84	349800	46.556	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.120%		
66) 1,2-Dichlorobenzene-d4	11.551	152	341527	45.678	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	271015	47.737	ug/L	99
3) Chloromethane	1.217	50	260764	47.311	ug/L	99
5) Vinyl chloride	1.285	62	278260	47.091	ug/L	99
6) Bromomethane	1.487	94	157974	48.174	ug/L	99
8) Chloroethane	1.549	64	174670	47.959	ug/L	99
9) Trichlorofluoromethane	1.716	101	391155	49.178	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	241160	50.739	ug/L	98
12) 1,1-Dichloroethene	2.069	96	216632	48.793	ug/L	90
13) Acetone	2.111	43	212896	104.152	ug/L	98
14) Carbon disulfide	2.240	76	627711	45.294	ug/L	100
15) Methyl Acetate	2.372	43	169289	47.457	ug/L	100
16) Methylene chloride	2.442	84	242945	48.327	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	231145	49.212	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	668489	49.608	ug/L	99
19) 1,1-Dichloroethane	3.105	63	442984	49.225	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	256565	48.813	ug/L	98
22) 2-Butanone	3.870	43	223297	98.696	ug/L	96
23) Bromochloromethane	4.137	128	133043	48.933	ug/L	98
25) Chloroform	4.269	83	461782	49.562	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	332735	50.586	ug/L	99
29) Cyclohexane	4.571	56	352758	47.875	ug/L	100
30) 1,1,1-Trichloroethane	4.500	97	394759	49.390	ug/L	99
31) Carbon tetrachloride	4.725	117	344420	49.564	ug/L	100
33) Benzene	4.999	78	971010	49.613	ug/L	100
34) Trichloroethene	5.825	95	253521	48.640	ug/L	99
35) Methylcyclohexane	6.040	83	391981	48.886	ug/L	99
37) 1,2-Dichloropropane	6.085	63	252237	49.908	ug/L	99
38) Bromodichloromethane	6.426	83	336694	49.835	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	384604	47.673	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	401371	97.538	ug/L	99
42) Toluene	7.307	91	1029022	50.716	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	359919	49.553	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	238973	49.244	ug/L	99
46) Tetrachloroethene	7.896	164	194272	48.750	ug/L	98
48) 2-Hexanone	8.069	43	320870	100.280	ug/L	99
49) Dibromochloromethane	8.169	129	255708	49.786	ug/L	98
50) 1,2-Dibromoethane	8.275	107	244668	48.774	ug/L	99
51) Chlorobenzene	8.805	112	680044	49.195	ug/L	100
52) Ethylbenzene	8.937	91	1141273	49.969	ug/L	98
53) m,p-Xylene	9.066	106	436977	51.408	ug/L	99
54) o-Xylene	9.471	106	417569	50.318	ug/L	97
55) Styrene	9.487	104	761018	52.678	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	328426	48.541	ug/L	99
59) Bromoform	9.658	173	170245	49.091	ug/L	96
60) Isopropylbenzene	9.860	105	1141666	49.490	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	232732	46.095	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	911661	49.987	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	914232	50.381	ug/L	100
64) 1,3-Dichlorobenzene	11.108	146	542855	48.890	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	562220	48.626	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	529641	48.252	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	54276	44.285	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	364149	47.690	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	325551	45.953	ug/L	99
71) Naphthalene	13.432	128	803381	43.404	ug/L	100
72) 1,2,3-Trichlorobenzene	13.670	180	327696	46.840	ug/L	99

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

