

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081324\
 Data File : VW036913.D
 Acq On : 13 Aug 2024 09:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050356

Quant Time: Aug 14 04:06:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 13 02:57:00 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/14/2024
 Supervised By : Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	719366	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	670972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	342432	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	209832	36.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.040%		
7) Chloroethane-d5	1.532	69	188892	41.688	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.380%		
11) 1,1-Dichloroethene-d2	2.060	65	93303	37.963	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.920%		
21) 2-Butanone-d5	3.789	46	254806m	83.701	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.700%		
24) Chloroform-d	4.243	84	484610	47.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	4.934	65	292118	44.064	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.120%		
32) Benzene-d6	4.953	84	872646	43.060	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.120%		
36) 1,2-Dichloropropane-d6	5.982	67	297790	45.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.100%		
41) Toluene-d8	7.236	98	762398	41.011	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.020%		
43) trans-1,3-Dichloroprop...	7.548	79	137141	40.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.600%		
47) 2-Hexanone-d5	8.021	63	148492	78.990	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.990%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	351443	46.815	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.640%		
66) 1,2-Dichlorobenzene-d4	11.554	152	319080	45.728	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.460%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	311922	54.381	ug/L	99
3) Chloromethane	1.217	50	318477	53.055	ug/L	99
5) Vinyl chloride	1.285	62	321590	52.168	ug/L	98
6) Bromomethane	1.487	94	197520	50.892	ug/L	99
8) Chloroethane	1.548	64	199342	52.205	ug/L	98
9) Trichlorofluoromethane	1.716	101	426484	52.818	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	256322	53.873	ug/L	99
12) 1,1-Dichloroethene	2.069	96	235286	51.778	ug/L	94
13) Acetone	2.111	43	233287	91.591	ug/L	98
14) Carbon disulfide	2.240	76	672380	47.104	ug/L	99
15) Methyl Acetate	2.371	43	219439	41.822	ug/L	99
16) Methylene chloride	2.445	84	267874	52.436	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	244801	52.008	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	785998	47.413	ug/L	99
19) 1,1-Dichloroethane	3.105	63	493861	51.932	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	287138	51.974	ug/L	95
22) 2-Butanone	3.870	43	284947	83.510	ug/L	98
23) Bromochloromethane	4.140	128	140063	52.191	ug/L	100
25) Chloroform	4.268	83	501214	51.315	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	376280	48.839	ug/L	99
29) Cyclohexane	4.571	56	440081	51.477	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	427831	50.610	ug/L	99
31) Carbon tetrachloride	4.725	117	363085	51.143	ug/L	99
33) Benzene	5.002	78	1068198	53.227	ug/L	100
34) Trichloroethene	5.825	95	292982	50.373	ug/L	97
35) Methylcyclohexane	6.040	83	463521	51.935	ug/L	98
37) 1,2-Dichloropropane	6.088	63	284967	53.602	ug/L	100
38) Bromodichloromethane	6.426	83	370067	50.548	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	467073	51.298	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	544380	82.661	ug/L	99
42) Toluene	7.307	91	1120520	52.420	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	413075	48.686	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	257278	49.971	ug/L	97
46) Tetrachloroethene	7.899	164	201274	52.758	ug/L	99
48) 2-Hexanone	8.072	43	400051	82.571	ug/L	98
49) Dibromochloromethane	8.169	129	267440	50.548	ug/L	97
50) 1,2-Dibromoethane	8.278	107	263667	49.359	ug/L	99
51) Chlorobenzene	8.808	112	725711	52.912	ug/L	98
52) Ethylbenzene	8.940	91	1277991	52.361	ug/L	99
53) m,p-Xylene	9.066	106	469921	51.508	ug/L	98
54) o-Xylene	9.471	106	462990	51.886	ug/L	99
55) Styrene	9.490	104	812893	53.159	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	338318	48.700	ug/L	100
59) Bromoform	9.657	173	168075	44.367	ug/L	98
60) Isopropylbenzene	9.860	105	1263949	50.700	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	271304	44.012	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	1057524	50.952	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1058045	50.925	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	563936	52.604	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	570402	52.323	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	549327	52.466	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	65731	36.899	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	400005	52.578	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	369768	50.677	ug/L	99
71) Naphthalene	13.432	128	984951	42.095	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	358747	50.228	ug/L	99

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

