

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100224\
 Data File : VV037718.D
 Acq On : 02 Oct 2024 15:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 05:56:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 03 05:55:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	651332	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	628508	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	349875	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	222407	38.898	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	77.800%	
7) Chloroethane-d5	1.532	69	188334	42.436	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	84.880%	
11) 1,1-Dichloroethene-d2	2.060	65	97598	40.857	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	81.720%	
21) 2-Butanone-d5	3.786	46	167833m	82.412	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	82.410%	
24) Chloroform-d	4.240	84	458410	45.064	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.120%	
26) 1,2-Dichloroethane-d4	4.931	65	265326	44.561	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.120%	
32) Benzene-d6	4.950	84	873051	44.391	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.780%	
36) 1,2-Dichloropropane-d6	5.979	67	279726	44.666	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	89.340%	
41) Toluene-d8	7.233	98	800363	44.879	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	89.760%	
43) trans-1,3-Dichloroprop...	7.545	79	127104	43.690	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	87.380%	
47) 2-Hexanone-d5	8.021	63	111352	84.204	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	84.200%	
56) 1,1,2,2-Tetrachloroeth...	10.143	84	311907	42.864	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	85.720%	
66) 1,2-Dichlorobenzene-d4	11.551	152	313237	42.487	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	84.980%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	272757	49.191	ug/L	98
3) Chloromethane	1.217	50	276635	51.389	ug/L	99
5) Vinyl chloride	1.285	62	290081	50.264	ug/L	99
6) Bromomethane	1.487	94	165528	51.684	ug/L	99
8) Chloroethane	1.548	64	179622	50.497	ug/L	98
9) Trichlorofluoromethane	1.712	101	393001	50.590	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	236181	50.878	ug/L	99
12) 1,1-Dichloroethene	2.069	96	217195	50.088	ug/L	82
13) Acetone	2.111	43	157235	78.759	ug/L	100
14) Carbon disulfide	2.240	76	642951	47.502	ug/L	99
15) Methyl Acetate	2.368	43	167313	48.023	ug/L	100
16) Methylene chloride	2.442	84	247768	50.464	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	231342	50.431	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	664632	50.500	ug/L	100
19) 1,1-Dichloroethane	3.101	63	448680	51.049	ug/L	100
20) cis-1,2-Dichloroethene	3.805	96	255516	49.775	ug/L	99
22) 2-Butanone	3.867	43	190023	85.995	ug/L	96
23) Bromochloromethane	4.137	128	132925	50.058	ug/L	99
25) Chloroform	4.265	83	463763	50.963	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.031	62	327909	51.043	ug/L	99
29) Cyclohexane	4.571	56	347669	48.720	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	392225	50.669	ug/L	99
31) Carbon tetrachloride	4.722	117	339825	50.494	ug/L	99
33) Benzene	4.998	78	973241	51.344	ug/L	100
34) Trichloroethene	5.825	95	251972	49.916	ug/L	97
35) Methylcyclohexane	6.040	83	388409	50.016	ug/L	99
37) 1,2-Dichloropropane	6.085	63	255880	52.277	ug/L	100
38) Bromodichloromethane	6.423	83	335186	51.226	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	405290	51.871	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	379845	95.310	ug/L	100
42) Toluene	7.307	91	1025424	52.183	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	357430	50.812	ug/L	98
45) 1,1,2-Trichloroethane	7.760	97	239826	51.027	ug/L	99
46) Tetrachloroethene	7.895	164	188521	48.846	ug/L	96
48) 2-Hexanone	8.069	43	281716	90.908	ug/L	99
49) Dibromochloromethane	8.169	129	252458	50.752	ug/L	97
50) 1,2-Dibromoethane	8.275	107	240372	49.476	ug/L	100
51) Chlorobenzene	8.805	112	676956	50.565	ug/L	100
52) Ethylbenzene	8.937	91	1126951	50.948	ug/L	99
53) m,p-Xylene	9.066	106	430967	52.351	ug/L	99
54) o-Xylene	9.471	106	415777	51.732	ug/L	97
55) Styrene	9.487	104	753559	53.859	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	316473	48.296	ug/L	98
59) Bromoform	9.657	173	161139	47.122	ug/L	96
60) Isopropylbenzene	9.860	105	1118122	49.155	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	228512	45.899	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	898127	49.941	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	892798	49.896	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	538871	49.217	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	558932	49.026	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	520810	48.118	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.355	75	50915	42.130	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	355054	47.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	320335	45.856	ug/L	99
71) Naphthalene	13.432	128	758298	41.548	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	311071	45.093	ug/L	99

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

