

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034485.D
 Acq On : 29 Feb 2024 16:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050396

Quant Time: Mar 01 01:37:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	308083	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148949	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	115412	43.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.420%		
7) Chloroethane-d5	1.529	69	96242	46.254	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.500%		
11) 1,1-Dichloroethene-d2	2.059	65	52513	43.477	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.960%		
21) 2-Butanone-d5	3.786	46	196598	110.075	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.070%		
24) Chloroform-d	4.249	84	223980	47.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.860%		
26) 1,2-Dichloroethane-d4	4.940	65	150069	48.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.260%		
32) Benzene-d6	4.960	84	409075	47.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.240%		
36) 1,2-Dichloropropane-d6	5.989	67	125634	47.919	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.840%		
41) Toluene-d8	7.243	98	367496	47.270	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.540%		
43) trans-1,3-Dichloroprop...	7.551	79	63349	48.116	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.240%		
47) 2-Hexanone-d5	8.024	63	144645	110.483	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.480%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	173112	50.174	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.340%		
66) 1,2-Dichlorobenzene-d4	11.561	152	142829	46.913	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.820%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	152030	47.045	ug/L	100
3) Chloromethane	1.217	50	150603	47.428	ug/L	97
5) Vinyl chloride	1.285	62	148674	48.234	ug/L	97
6) Bromomethane	1.484	94	88713	47.969	ug/L	99
8) Chloroethane	1.545	64	88370	48.235	ug/L	98
9) Trichlorofluoromethane	1.712	101	218086	47.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	118065	47.457	ug/L	97
12) 1,1-Dichloroethene	2.069	96	107424	46.566	ug/L	96
13) Acetone	2.114	43	193492	90.117	ug/L	99
14) Carbon disulfide	2.240	76	304622	47.580	ug/L	98
15) Methyl Acetate	2.371	43	147486	53.692	ug/L	99
16) Methylene chloride	2.445	84	122815	50.189	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	106467	47.682	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	402311	50.173	ug/L	98
19) 1,1-Dichloroethane	3.111	63	217311	49.682	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	120202	49.616	ug/L	99
22) 2-Butanone	3.866	43	206944	97.605	ug/L	96
23) Bromochloromethane	4.146	128	62089	49.563	ug/L	97
25) Chloroform	4.275	83	219277	48.367	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	180875	49.105	ug/L	100
29) Cyclohexane	4.580	56	181060	48.358	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	201924	49.468	ug/L	99
31) Carbon tetrachloride	4.735	117	175795	48.644	ug/L	98
33) Benzene	5.008	78	443542	50.199	ug/L	100
34) Trichloroethene	5.831	95	123800	49.292	ug/L	98
35) Methylcyclohexane	6.050	83	187717	49.163	ug/L	99
37) 1,2-Dichloropropane	6.091	63	117873	50.955	ug/L	99
38) Bromodichloromethane	6.432	83	159962	49.160	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	192291	51.306	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	367985	107.880	ug/L	99
42) Toluene	7.313	91	464544	49.677	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	181508	50.354	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	115072	51.556	ug/L	99
46) Tetrachloroethene	7.905	164	91226	48.840	ug/L	98
48) 2-Hexanone	8.072	43	292889	107.756	ug/L	98
49) Dibromochloromethane	8.175	129	115796	49.163	ug/L	97
50) 1,2-Dibromoethane	8.281	107	121768	51.412	ug/L	97
51) Chlorobenzene	8.812	112	296466	49.040	ug/L	100
52) Ethylbenzene	8.947	91	525039	50.109	ug/L	100
53) m,p-Xylene	9.072	106	194280	48.862	ug/L	99
54) o-Xylene	9.477	106	191850	49.274	ug/L	98
55) Styrene	9.493	104	329684	50.011	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	169159	50.460	ug/L	100
59) Bromoform	9.664	173	78013	47.240	ug/L	99
60) Isopropylbenzene	9.866	105	524582	49.797	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	145527	51.183	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	444766	50.051	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	442946	50.399	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	238050	48.874	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	241480	48.821	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	239331	49.037	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	43370	51.207	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	176789	48.383	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	162751	49.501	ug/L	99
71) Naphthalene	13.438	128	479538	54.526	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	162985	50.815	ug/L	99

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

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