

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036674.D
 Acq On : 24 Jul 2024 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050337

Quant Time: Jul 25 03:02:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:54:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	351045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	356299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	205701	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	109042	42.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.420%
7) Chloroethane-d5	1.526	69	96842	43.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.560%
11) 1,1-Dichloroethene-d2	2.053	65	53460	43.265	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.520%
21) 2-Butanone-d5	3.783	46	129879	98.100	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	4.246	84	243468	46.032	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.060%
26) 1,2-Dichloroethane-d4	4.937	65	149873	47.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
32) Benzene-d6	4.957	84	440766	47.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	5.985	67	124512	46.930	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.860%
41) Toluene-d8	7.239	98	446537	48.983	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.960%
43) trans-1,3-Dichloroprop...	7.551	79	68248	47.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.060%
47) 2-Hexanone-d5	8.021	63	101416	103.283	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.280%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	190138	46.250	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.500%
66) 1,2-Dichlorobenzene-d4	11.558	152	191920	45.262	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	145601	45.714	ug/L	99
3) Chloromethane	1.214	50	104386	44.581	ug/L	98
5) Vinyl chloride	1.281	62	128002	44.816	ug/L	100
6) Bromomethane	1.481	94	114128	51.810	ug/L	100
8) Chloroethane	1.545	64	87748	46.721	ug/L	100
9) Trichlorofluoromethane	1.709	101	232542	46.202	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	139029	46.516	ug/L	99
12) 1,1-Dichloroethene	2.066	96	126424	46.304	ug/L	97
13) Acetone	2.108	43	108096	85.170	ug/L	100
14) Carbon disulfide	2.236	76	320166	46.256	ug/L	99
15) Methyl Acetate	2.368	43	100401	48.715	ug/L	99
16) Methylene chloride	2.442	84	130279	46.494	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	122663	47.026	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	352507	49.910	ug/L	100
19) 1,1-Dichloroethane	3.108	63	198835	46.733	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	136614	48.460	ug/L	99
22) 2-Butanone	3.863	43	132551	95.240	ug/L	98
23) Bromochloromethane	4.143	128	83438	48.572	ug/L	99
25) Chloroform	4.272	83	243828	47.362	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	185435	50.039	ug/L	100
29) Cyclohexane	4.577	56	140969	49.298	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	219247	47.812	ug/L	99
31) Carbon tetrachloride	4.728	117	203645	47.376	ug/L	99
33) Benzene	5.005	78	476508	50.131	ug/L	100
34) Trichloroethene	5.828	95	155344	47.403	ug/L	99
35) Methylcyclohexane	6.047	83	193911	50.419	ug/L	100
37) 1,2-Dichloropropane	6.088	63	111635	48.650	ug/L	100
38) Bromodichloromethane	6.429	83	181499	47.927	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	184432	47.101	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	270127	106.918	ug/L	100
42) Toluene	7.310	91	543749	51.326	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	192177	50.094	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	144672	49.803	ug/L	98
46) Tetrachloroethene	7.902	164	129097	45.938	ug/L	100
48) 2-Hexanone	8.072	43	215010	105.475	ug/L	98
49) Dibromochloromethane	8.172	129	164429	48.857	ug/L	97
50) 1,2-Dibromoethane	8.278	107	164656	50.001	ug/L	99
51) Chlorobenzene	8.812	112	375842	48.090	ug/L	99
52) Ethylbenzene	8.944	91	578158	50.266	ug/L	100
53) m,p-Xylene	9.069	106	233219	52.092	ug/L	99
54) o-Xylene	9.474	106	223443	51.952	ug/L	98
55) Styrene	9.493	104	399689	53.347	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	176714	46.913	ug/L	96
59) Bromoform	9.661	173	138241	48.868	ug/L	100
60) Isopropylbenzene	9.863	105	595608	51.611	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	172415	49.982	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	477749	52.217	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	486419	52.951	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	321773	48.225	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	337052	47.945	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	331427	48.679	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	51404	48.741	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	244316	48.236	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	212260	48.069	ug/L	98
71) Naphthalene	13.435	128	623759	52.702	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	236576	50.218	ug/L	99

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

