

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030655.D
 Acq On : 19 Apr 2023 07:02
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050291

Quant Time: Apr 19 07:54:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	295057	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	279346	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	153396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	78373	36.233	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.460%
7) Chloroethane-d5	1.536	69	65839	36.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.640%
11) 1,1-Dichloroethene-d2	2.066	65	38684	37.712	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.420%
21) 2-Butanone-d5	3.796	46	110496	93.007	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.010%
24) Chloroform-d	4.259	84	161656	41.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.480%
26) 1,2-Dichloroethane-d4	4.950	65	106572	42.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
32) Benzene-d6	4.969	84	292483	44.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
36) 1,2-Dichloropropane-d6	5.998	67	89132	43.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.900%
41) Toluene-d8	7.249	98	274621	44.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.580%
43) trans-1,3-Dichloroprop...	7.558	79	45059	43.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.160%
47) 2-Hexanone-d5	8.030	63	74141	91.738	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	131363	44.128	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.260%
66) 1,2-Dichlorobenzene-d4	11.567	152	108288	44.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	106336	41.917	ug/L	99
3) Chloromethane	1.217	50	138913	41.744	ug/L	99
5) Vinyl chloride	1.288	62	117296	43.720	ug/L	99
6) Bromomethane	1.491	94	47366	44.524	ug/L	98
8) Chloroethane	1.552	64	75608	41.088	ug/L	100
9) Trichlorofluoromethane	1.719	101	189999	43.696	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	98393	43.057	ug/L	98
12) 1,1-Dichloroethene	2.076	96	94129	45.560	ug/L	95
13) Acetone	2.121	43	115844	63.014	ug/L	98
14) Carbon disulfide	2.249	76	254775	43.659	ug/L	98
15) Methyl Acetate	2.378	43	117233	47.786	ug/L	99
16) Methylene chloride	2.455	84	105167	44.482	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	93287	44.727	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	335140	50.166	ug/L	99
19) 1,1-Dichloroethane	3.121	63	192861	45.353	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	105117	46.331	ug/L	96
22) 2-Butanone	3.876	43	159698	84.060	ug/L	100
23) Bromochloromethane	4.156	128	57825	45.633	ug/L	98
25) Chloroform	4.288	83	198562	45.114	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	171653	46.072	ug/L	99
29) Cyclohexane	4.593	56	163555	48.789	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	181376	46.208	ug/L	100
31) Carbon tetrachloride	4.744	117	160032	45.600	ug/L	99
33) Benzene	5.018	78	446232	52.604	ug/L	100
34) Trichloroethene	5.841	95	108144	49.012	ug/L	97
35) Methylcyclohexane	6.059	83	162181	46.909	ug/L	98
37) 1,2-Dichloropropane	6.101	63	107448	47.060	ug/L	100
38) Bromodichloromethane	6.439	83	148821	46.400	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	154636	45.125	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	322732	101.189	ug/L	99
42) Toluene	7.323	91	441602	48.603	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	159634	47.415	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	107605	47.000	ug/L	99
46) Tetrachloroethene	7.911	164	87954	45.540	ug/L	98
48) 2-Hexanone	8.082	43	244646	92.964	ug/L	99
49) Dibromochloromethane	8.185	129	114471	45.329	ug/L	99
50) 1,2-Dibromoethane	8.291	107	110920	46.758	ug/L	98
51) Chlorobenzene	8.821	112	420050	69.805	ug/L	99
52) Ethylbenzene	8.953	91	490778	48.791	ug/L	100
53) m,p-Xylene	9.079	106	186428	49.067	ug/L	98
54) o-Xylene	9.487	106	184779	49.713	ug/L	100
55) Styrene	9.503	104	320146	49.034	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	173153	46.064	ug/L	99
59) Bromoform	9.673	173	92974	48.411	ug/L	99
60) Isopropylbenzene	9.876	105	495049	51.747	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	132598	48.263	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	406608	51.622	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	404537	51.439	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	237587	49.605	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	342020	67.719	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	309178	63.987	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	38463	47.253	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	169647	46.889	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	157942	51.414	ug/L	99
71) Naphthalene	13.448	128	409842	48.771	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	151677	49.793	ug/L	99

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

