

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030872.D
 Acq On : 26 Apr 2023 05:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050341

Quant Time: Apr 26 06:30:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	231165	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	228219	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	137176	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65805	38.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.660%
7) Chloroethane-d5	1.535	69	58416	41.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.280%
11) 1,1-Dichloroethene-d2	2.066	65	33867	42.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.280%
21) 2-Butanone-d5	3.796	46	95298	102.385	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.380%
24) Chloroform-d	4.259	84	149965	48.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.660%
26) 1,2-Dichloroethane-d4	4.950	65	102047	51.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.360%
32) Benzene-d6	4.969	84	268290	49.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
36) 1,2-Dichloropropane-d6	5.998	67	77980	46.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.060%
41) Toluene-d8	7.249	98	260327	51.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.780%
43) trans-1,3-Dichloroprop...	7.558	79	40783	48.277	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.560%
47) 2-Hexanone-d5	8.030	63	58928	89.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.250%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123626	50.832	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.660%
66) 1,2-Dichlorobenzene-d4	11.567	152	111874	51.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	85001	42.768	ug/L	99
3) Chloromethane	1.217	50	99954	38.339	ug/L	99
5) Vinyl chloride	1.288	62	89517	42.588	ug/L	99
6) Bromomethane	1.490	94	43920	52.695	ug/L	98
8) Chloroethane	1.552	64	58049	40.265	ug/L	99
9) Trichlorofluoromethane	1.719	101	162669	47.750	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	81633	45.596	ug/L	98
12) 1,1-Dichloroethene	2.076	96	76454	47.233	ug/L	93
13) Acetone	2.121	43	98615	68.469	ug/L	98
14) Carbon disulfide	2.246	76	179840	39.336	ug/L	99
15) Methyl Acetate	2.378	43	92214	47.976	ug/L	100
16) Methylene chloride	2.455	84	82489	44.533	ug/L	96
17) trans-1,2-Dichloroethene	2.703	96	74183	45.398	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	266076	50.836	ug/L	98
19) 1,1-Dichloroethane	3.121	63	153297	46.013	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	84230	47.386	ug/L	98
22) 2-Butanone	3.876	43	123094	82.701	ug/L	100
23) Bromochloromethane	4.156	128	47488	47.833	ug/L	95
25) Chloroform	4.285	83	167439	48.557	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	146554	50.207	ug/L	98
29) Cyclohexane	4.593	56	118412	43.236	ug/L	96
30) 1,1,1-Trichloroethane	4.523	97	157545	49.128	ug/L	99
31) Carbon tetrachloride	4.744	117	139792	48.757	ug/L	98
33) Benzene	5.018	78	332728	48.011	ug/L	100
34) Trichloroethene	5.841	95	85279	47.308	ug/L	97
35) Methylcyclohexane	6.059	83	127344	45.084	ug/L	97
37) 1,2-Dichloropropane	6.101	63	85381	45.773	ug/L	100
38) Bromodichloromethane	6.439	83	125678	47.963	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	128214	45.797	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	254409	97.637	ug/L	99
42) Toluene	7.323	91	366004	49.307	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	130317	47.379	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	89333	47.760	ug/L	99
46) Tetrachloroethene	7.911	164	76900	48.737	ug/L	97
48) 2-Hexanone	8.082	43	203967	94.870	ug/L	97
49) Dibromochloromethane	8.185	129	98133	47.565	ug/L	98
50) 1,2-Dibromoethane	8.288	107	91943	47.441	ug/L	98
51) Chlorobenzene	8.821	112	239422	48.701	ug/L	98
52) Ethylbenzene	8.953	91	402362	48.963	ug/L	99
53) m,p-Xylene	9.079	106	157365	50.697	ug/L	97
54) o-Xylene	9.487	106	154552	50.896	ug/L	96
55) Styrene	9.503	104	277124	51.953	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	144375	47.013	ug/L	98
59) Bromoform	9.670	173	79309	46.178	ug/L	99
60) Isopropylbenzene	9.873	105	414646	48.468	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	113008	45.996	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	340054	48.277	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	338006	48.061	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	209437	48.898	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	217972	48.261	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	210489	48.713	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	31394	43.129	ug/L	95
69) 1,3,5-Trichlorobenzene	12.590	180	150253	46.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	131405	47.833	ug/L	99
71) Naphthalene	13.445	128	351791	46.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	134959	49.543	ug/L	99

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

