

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030824.D
 Acq On : 25 Apr 2023 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050339

Quant Time: Apr 26 01:29:37 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	5.539	114	234916	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229854	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	139434	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	76108	44.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.380%
7) Chloroethane-d5	1.536	69	63259	43.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.660%
11) 1,1-Dichloroethene-d2	2.066	65	37646	46.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.200%
21) 2-Butanone-d5	3.796	46	89822	94.961	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.960%
24) Chloroform-d	4.256	84	160833	51.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
26) 1,2-Dichloroethane-d4	4.947	65	108867	54.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.520%
32) Benzene-d6	4.966	84	287954	52.987	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.980%
36) 1,2-Dichloropropane-d6	5.995	67	82213	48.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.400%
41) Toluene-d8	7.249	98	281824	55.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.460%
43) trans-1,3-Dichloroprop...	7.558	79	45029	52.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.840%
47) 2-Hexanone-d5	8.030	63	58590	88.106	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.110%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123510	50.423	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	119469	53.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	94420	46.749	ug/L	99
3) Chloromethane	1.217	50	103876	39.207	ug/L	99
5) Vinyl chloride	1.288	62	94354	44.172	ug/L	99
6) Bromomethane	1.491	94	45423	53.628	ug/L	99
8) Chloroethane	1.552	64	62106	42.391	ug/L	100
9) Trichlorofluoromethane	1.719	101	175559	50.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	90087	49.515	ug/L	99
12) 1,1-Dichloroethene	2.076	96	77941	47.383	ug/L	96
13) Acetone	2.124	43	193116	131.940	ug/L	99
14) Carbon disulfide	2.246	76	194393	41.840	ug/L	99
15) Methyl Acetate	2.378	43	85030	43.532	ug/L	98
16) Methylene chloride	2.455	84	93993	49.933	ug/L	98
17) trans-1,2-Dichloroethene	2.699	96	74739	45.008	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	265050	49.831	ug/L	98
19) 1,1-Dichloroethane	3.117	63	153921	45.463	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	85327	47.236	ug/L	98
22) 2-Butanone	3.873	43	159017	105.130	ug/L	99
23) Bromochloromethane	4.153	128	47514	47.095	ug/L	96
25) Chloroform	4.281	83	171240	48.866	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	149611	50.436	ug/L	99
29) Cyclohexane	4.590	56	126916	46.011	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	156988	48.606	ug/L	100
31) Carbon tetrachloride	4.744	117	142664	49.405	ug/L	99
33) Benzene	5.018	78	337700	48.382	ug/L	100
34) Trichloroethene	5.838	95	87815	48.368	ug/L	97
35) Methylcyclohexane	6.056	83	138659	48.741	ug/L	98
37) 1,2-Dichloropropane	6.098	63	86893	46.252	ug/L	100
38) Bromodichloromethane	6.439	83	124086	47.018	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	132279	46.913	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	240841	91.773	ug/L	98
42) Toluene	7.320	91	374864	50.141	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	136857	49.403	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	88016	46.722	ug/L	100
46) Tetrachloroethene	7.912	164	80399	50.592	ug/L	96
48) 2-Hexanone	8.082	43	228887	105.703	ug/L	98
49) Dibromochloromethane	8.182	129	98009	47.167	ug/L	99
50) 1,2-Dibromoethane	8.288	107	92598	47.439	ug/L	100
51) Chlorobenzene	8.818	112	244443	49.369	ug/L	99
52) Ethylbenzene	8.953	91	411646	49.736	ug/L	99
53) m,p-Xylene	9.079	106	162722	52.050	ug/L	95
54) o-Xylene	9.484	106	154369	50.474	ug/L	98
55) Styrene	9.500	104	279438	52.014	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	139607	45.137	ug/L	100
59) Bromoform	9.670	173	79202	45.369	ug/L	99
60) Isopropylbenzene	9.873	105	432419	49.727	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	108919	43.614	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	358424	50.061	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	351256	49.136	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	221005	50.763	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	227402	49.533	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	217450	49.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	30852	41.698	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	169771	51.621	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	144633	51.796	ug/L	99
71) Naphthalene	13.448	128	362347	47.437	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	145618	52.590	ug/L	99

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

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