

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030066.D
 Acq On : 17 Feb 2023 15:01
 Operator : SY/MD
 Sample : VIBLK201
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK201

Quant Time: Feb 20 01:11:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 01:04:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	130840	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	125023	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	70509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	53169	57.156	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.320%
7) Chloroethane-d5	1.536	69	43701	61.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.800%
11) 1,1-Dichloroethene-d2	2.066	63	71924	40.417	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.840%
21) 2-Butanone-d5	3.802	46	60232	103.753	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.750%
24) Chloroform-d	4.262	84	94577	54.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	4.953	65	57741	56.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.000%
32) Benzene-d6	4.973	84	188889	56.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.780%
36) 1,2-Dichloropropane-d6	5.998	67	60119	56.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.880%
41) Toluene-d8	7.252	98	169450	54.074	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.140%
43) trans-1,3-Dichloroprop...	7.561	79	27967	53.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.600%
47) 2-Hexanone-d5	8.034	63	52128	105.903	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	87774	55.422	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.840%
66) 1,2-Dichlorobenzene-d4	11.571	152	73310	58.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	1007	0.727	ug/L #	83
3) Chloromethane	1.221	50	9767	5.496	ug/L	93
5) Vinyl chloride	1.285	62	1691	1.366	ug/L #	45
9) Trichlorofluoromethane	1.719	101	1232	0.751	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1574	1.568	ug/L #	70
12) 1,1-Dichloroethene	2.073	96	1495	1.655	ug/L #	1
13) Acetone	2.127	43	1857	4.168	ug/L	90
14) Carbon disulfide	2.246	76	19217	7.195	ug/L	97
16) Methylene chloride	2.455	84	2098	2.122	ug/L	92
17) trans-1,2-Dichloroethene	2.706	96	2445	2.648	ug/L	91
20) cis-1,2-Dichloroethene	3.835	96	1680	1.645	ug/L	100
29) Cyclohexane	4.597	56	955	0.656	ug/L #	65
34) Trichloroethene	5.844	95	1623	1.617	ug/L	86
35) Methylcyclohexane	6.060	83	1821	1.143	ug/L	88
39) cis-1,3-Dichloropropene	6.963	75	1445	0.885	ug/L	96
46) Tetrachloroethene	7.918	164	1086	1.287	ug/L	90
50) 1,2-Dibromoethane	8.297	107	985	0.891	ug/L #	92
51) Chlorobenzene	8.828	112	3909	1.453	ug/L	92
52) Ethylbenzene	8.957	91	5216	1.167	ug/L	99

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

53) m,p-Xylene	9.082	106	1825	1.069	ug/L	94
54) o-Xylene	9.493	106	1488	0.904	ug/L	76
55) Styrene	9.513	104	4033	1.435	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.188	83	2041	1.238	ug/L #	96
60) Isopropylbenzene	9.876	105	4584	1.093	ug/L #	94
61) 1,2,3-Trichloropropane	10.223	75	1733	1.486	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.487	105	4647	1.338	ug/L	97
63) 1,2,4-Trimethylbenzene	10.866	105	5412	1.586	ug/L	91
64) 1,3-Dichlorobenzene	11.130	146	6783	3.210	ug/L	96
65) 1,4-Dichlorobenzene	11.220	146	7829	3.621	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	6734	3.201	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.378	75	1778	5.224	ug/L	92
70) 1,2,4-trichlorobenzene	13.210	180	14936	9.424	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	19766	12.708	ug/L	99

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

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