

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023645.D
 Acq On : 11 Aug 2021 10:54
 Operator : JC/MD
 Sample : VIBLK600
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK600

Quant Time: Aug 12 01:26:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 12:02:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	333741	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	306076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	132575	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91939	52.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.700%
7) Chloroethane-d5	1.666	69	77257	54.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.120%
11) 1,1-Dichloroethene-d2	2.307	63	152208	40.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.560%
21) 2-Butanone-d5	4.471	46	187559	111.836	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	5.068	84	198876	50.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.980%
26) 1,2-Dichloroethane-d4	5.964	65	140967	52.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.420%
32) Benzene-d6	5.983	84	417959	54.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.420%
36) 1,2-Dichloropropane-d6	7.312	67	132085	54.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.900%
41) Toluene-d8	8.653	98	392927	52.915	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.840%
43) trans-1,3-Dichloroprop...	8.952	79	58689	51.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.240%
47) 2-Hexanone-d5	9.391	63	134802	115.577	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.580%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	168873	52.254	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.500%
66) 1,2-Dichlorobenzene-d4	12.323	152	129020	55.458	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	2110	1.017	ug/L	99
3) Chloromethane	1.295	50	1669	0.846	ug/L	98
5) Vinyl chloride	1.374	62	1829	0.912	ug/L #	1
6) Bromomethane	1.605	94	2144	1.722	ug/L	81
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	3536	1.801	ug/L #	69
12) 1,1-Dichloroethene	2.319	96	2810	1.655	ug/L #	1
14) Carbon disulfide	2.514	76	8421	2.467	ug/L	96
15) Methyl Acetate	2.715	43	1740	0.707	ug/L #	66
16) Methylene chloride	2.794	84	1889	0.893	ug/L	78
17) trans-1,2-Dichloroethene	3.093	96	2116	1.177	ug/L	98
34) Trichloroethene	7.135	95	2207	1.032	ug/L	87
42) Toluene	8.726	91	11817	1.333	ug/L	92
46) Tetrachloroethene	9.275	164	1822	1.123	ug/L	95
51) Chlorobenzene	10.086	112	4913	0.834	ug/L	95
52) Ethylbenzene	10.195	91	7370	0.760	ug/L	100
53) m,p-Xylene	10.305	106	3211	0.868	ug/L	93
60) Isopropylbenzene	10.963	105	7546	0.839	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	6465	0.888	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	7041	0.951	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.976	146	4935	1.256	ug/L	87
65) 1,4-Dichlorobenzene	12.043	146	5669	1.449	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	3837	0.994	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.116	180	4306	1.587	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3784	1.619	ug/L	93
72) 1,2,3-Trichlorobenzene	13.969	180	3394	1.410	ug/L	98

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

