

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072224\
 Data File : VW036624.D
 Acq On : 22 Jul 2024 11:00
 Operator : SY/MD
 Sample : VIBLK320
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK320

Quant Time: Jul 23 01:54:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 01:49:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	403723	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	397045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	201584	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	98346	22.241	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.960%
7) Chloroethane-d5	1.529	69	92053	23.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.050	65	51773	22.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.560%
21) 2-Butanone-d5	3.850	46	29556	28.641	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.280%
24) Chloroform-d	4.243	84	229568	21.500	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	4.937	65	115519	21.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.720%
32) Benzene-d6	4.953	84	433831	23.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.985	67	124082	23.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.560%
41) Toluene-d8	7.239	98	407256	22.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.720%
43) trans-1,3-Dichloroprop...	7.554	79	49860	20.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.680%
47) 2-Hexanone-d5	8.037	63	26688	37.401	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	96102	20.564	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	174760	24.835	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.320%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.439	84	35536	4.731	ug/L	97
25) Chloroform	4.272	83	6062	0.509	ug/L	97
46) Tetrachloroethene	7.905	164	5982	0.817	ug/L	96
51) Chlorobenzene	8.815	112	10941	0.605	ug/L	90
52) Ethylbenzene	8.953	91	11427	0.416	ug/L	93
54) o-Xylene	9.480	106	3867	0.375	ug/L	97
55) Styrene	9.509	104	8246	0.472	ug/L	93
60) Isopropylbenzene	9.869	105	12162	0.493	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	1879	0.529	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.477	105	7465	0.388	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	9463	0.486	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	14923	1.082	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	21169	1.491	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	17923	1.398	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	22947	2.597	ug/L	98
72) 1,2,3-Trichlorobenzene	13.676	180	25530	3.202	ug/L	99

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

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