

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112024\
 Data File : VV038218.D
 Acq On : 20 Nov 2024 16:21
 Operator : SY/MD
 Sample : P4883-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3K2

Quant Time: Nov 21 01:50:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 01:41:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	244458	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	263400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	112034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	71601	3.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.529	69	68111	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.053	65	33061	4.100	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.793	46	189451	50.543	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	4.240	84	165217	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.937	65	83007	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.953	84	291033	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	5.982	67	97433	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.240	98	237868	3.776	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.558	79	29997	3.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.021	63	167429	55.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.600%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82593	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	98401	5.155	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds				Qvalue		
9) Trichlorofluoromethane	1.709	101	24819	0.773	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	11983	0.654	ug/L	98
12) 1,1-Dichloroethene	2.066	96	9804	0.562	ug/L #	1
16) Methylene chloride	2.442	84	49096	2.466	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	12725	0.322	ug/L #	92
18) trans-1,2-Dichloroethene	2.693	96	2834	0.154	ug/L	90
19) 1,1-Dichloroethane	3.108	63	18713	0.560	ug/L	99
22) cis-1,2-Dichloroethene	3.806	96	139822	7.352	ug/L	99
25) Chloroform	4.275	83	10682	0.299	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	79084	2.503	ug/L	98
34) Trichloroethene	5.822	95	1158834	57.456	ug/L	98
42) Toluene	7.320	91	44487	0.568	ug/L	98
47) Tetrachloroethene	7.895	164	455785	28.123	ug/L	98
51) Chlorobenzene	8.815	112	32410	0.600	ug/L	96
52) Ethylbenzene	8.950	91	15720	0.189	ug/L	93
53) m,p-Xylene	9.075	106	9715	0.310	ug/L	73
57) 1,1,2,2-Tetrachloroethane	10.172	83	4321	0.246	ug/L #	97
67) 1,2-Dichlorobenzene	11.574	146	13567	0.423	ug/L	96

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

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