

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023366.D
 Acq On : 11 Nov 2021 05:18
 Operator : SY/MD
 Sample : M4542-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGGF3

Quant Time: Nov 11 06:15:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135832	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74084	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37558	4.414	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.568	69	29820	4.300	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	52749	3.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.886	46	69438	47.365	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.740%
24) Chloroform-d	4.349	84	71286	3.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	5.034	65	33978	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.053	84	142003	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.072	67	43644	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.317	98	128303	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.625	79	14589	3.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.088	63	55269	39.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28334	3.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53655	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	7117	0.632	ug/L	98
5) Vinyl chloride	1.311	62	24210	2.153	ug/L	97
8) Chloroethane	1.584	64	4074	0.628	ug/L	98
12) 1,1-Dichloroethene	2.121	96	4268	0.527	ug/L #	1
13) Acetone	2.175	43	6738	7.522	ug/L	91
19) 1,1-Dichloroethane	3.191	63	119732	7.122	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	103440	10.794	ug/L #	90
25) Chloroform	4.378	83	17880	0.998	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	202513	12.490	ug/L	99
34) Trichloroethene	5.915	95	336194	33.882	ug/L	99
35) Methylcyclohexane	6.137	83	3324	0.212	ug/L	98
42) Toluene	7.394	91	26839	0.673	ug/L	100
47) Tetrachloroethene	7.979	164	5738	0.667	ug/L	93
51) Chlorobenzene	8.883	112	227812	8.588	ug/L	100
52) Ethylbenzene	9.024	91	2622	0.062	ug/L	91
53) m,p-xylene	9.149	106	1513	0.092	ug/L	90
54) o-xylene	9.548	106	7255	0.468	ug/L	98
60) Isopropylbenzene	9.934	105	35350	0.832	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	318210	9.070	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.188	146	3645	0.168	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	28644	1.291	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	36304	1.868	ug/L	100

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

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