

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023365.D
 Acq On : 11 Nov 2021 04:54
 Operator : SY/MD
 Sample : M4542-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGGF2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 11 05:20:32 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	137367	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	135175	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74877	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	24990	2.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.568	69	25201	3.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	2.111	63	39935	2.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.600%#
20) 2-Butanone-d5	3.883	46	94390	63.666	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.340%
24) Chloroform-d	4.352	84	75844	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.037	65	37279	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.053	84	137239	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
36) 1,2-Dichloropropane-d6	6.072	67	45363	4.443	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.317	98	116191	3.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.625	79	14877	3.843	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.088	63	72192	50.683	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34744	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	56756	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2654	0.233	ug/L	90
5) Vinyl chloride	1.310	62	8360	0.735	ug/L	99
12) 1,1-Dichloroethene	2.124	96	2050	0.250	ug/L #	1
13) Acetone	2.178	43	3608	3.983	ug/L	90
19) 1,1-Dichloroethane	3.195	63	25200	1.482	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	35112	3.623	ug/L #	89
25) Chloroform	4.381	83	16475	0.909	ug/L	95
29) 1,1,1-Trichloroethane	4.612	97	41118	2.505	ug/L	99
34) Trichloroethene	5.915	95	131842	13.122	ug/L	98
35) Methylcyclohexane	6.133	83	3467	0.219	ug/L	94
42) Toluene	7.394	91	21764	0.539	ug/L	99
47) Tetrachloroethene	7.982	164	3514	0.404	ug/L	95
51) Chlorobenzene	8.882	112	207794	7.736	ug/L	99
52) Ethylbenzene	9.021	91	5142	0.121	ug/L	96
53) m,p-xylene	9.149	106	1881	0.112	ug/L	83
54) o-xylene	9.545	106	9639	0.614	ug/L	89
60) Isopropylbenzene	9.934	105	43713	1.017	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	5516m	0.155	ug/L	
63) 1,2,4-Trimethylbenzene	10.914	105	609409	17.186	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.188	146	2706	0.123	ug/L	86
65) 1,4-Dichlorobenzene	11.275	146	21847	0.974	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	19309	0.983	ug/L	97

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

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