

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033314.D
 Acq On : 14 Dec 2023 06:43
 Operator : SY/MD
 Sample : 05770-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY86

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 14 07:52:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.802	117	121935	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	65993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	35789	4.386	ug/L	0.02
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.800%	
7) Chloroethane-d5	1.552	69	28419	4.683	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.072	65	15525	4.780	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.600%	
20) 2-Butanone-d5	3.944	46	35498m	36.762	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.520%	
24) Chloroform-d	4.278	84	77673	4.564	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	4.960	65	41239	5.576	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	4.966	84	150912	4.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6	6.011	67	36199	5.042	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.278	98	142964	4.651	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
43) trans-1,3-Dichloroprop...	7.587	79	14323	4.373	ug/L	0.03
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.400%	
46) 2-Hexanone-d5	8.063	63	39079	42.738	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.480%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	22904	4.717	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	60423	5.198	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.227	50	925	0.102	ug/L #	79
5) Vinyl chloride	1.298	62	1970	0.214	ug/L #	71
14) Carbon disulfide	2.252	76	10555	0.445	ug/L	96
22) cis-1,2-Dichloroethene	3.844	96	5506	0.604	ug/L	89
30) Cyclohexane	4.587	56	2272	0.211	ug/L #	51
33) Benzene	5.018	78	15016	0.460	ug/L	100
34) Trichloroethene	5.838	95	3669	0.385	ug/L	93
35) Methylcyclohexane	6.059	83	4381	0.311	ug/L #	60
39) cis-1,3-Dichloropropene	6.953	75	1126	0.106	ug/L	93
42) Toluene	7.352	91	33421	0.893	ug/L	95
51) Chlorobenzene	8.834	112	14175	0.553	ug/L	94
52) Ethylbenzene	8.969	91	3281	0.078	ug/L	88
53) m,p-Xylene	9.091	106	4684	0.271	ug/L	85
54) o-Xylene	9.493	106	1048	0.064	ug/L #	50
60) Isopropylbenzene	9.876	105	71766	1.641	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	4966	0.140	ug/L	87
64) 1,3-Dichlorobenzene	11.124	146	1468	0.066	ug/L	92
65) 1,4-Dichlorobenzene	11.214	146	11626	0.525	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	37831	1.978	ug/L	96

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

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