

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102122\
 Data File : VW028670.D
 Acq On : 21 Oct 2022 18:43
 Operator : SY/MD
 Sample : N5216-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA75

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/28/2022

Quant Time: Oct 21 23:05:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.590	114	226922	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.853	117	144495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	81363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	87350	3.888	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.558	69	73251	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.095	63	123571	3.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.953	46	171797	40.628	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.260%
24) Chloroform-d	4.342	84	141494	4.246	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.027	65	90538	5.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.034	84	314024	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.043	67	106892	5.422	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.310	98	228199	5.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.622	79	21427	4.477	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.114	63	98015	49.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.660%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	50010	5.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	76878	5.257	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
8) Chloroethane	1.574	64	194399	13.584	ug/L	97
13) Acetone	2.236	43	42348	15.623	ug/L	88
18) trans-1,2-Dichloroethene	2.744	96	3513	0.220	ug/L	95
19) 1,1-Dichloroethane	3.175	63	4154	0.111	ug/L #	80
30) Cyclohexane	4.654	56	108484	3.977	ug/L	99
33) Benzene	5.075	78	20029246m	295.478	ug/L	
35) Methylcyclohexane	6.085	83	78840	3.211	ug/L #	86
42) Toluene	7.381	91	67305	1.199	ug/L	100
51) Chlorobenzene	8.879	112	16598931m	505.767	ug/L	
52) Ethylbenzene	9.008	91	131202	2.261	ug/L	98
53) m,p-Xylene	9.136	106	113974	5.375	ug/L	98
54) o-Xylene	9.538	106	222956	10.601	ug/L	97
60) Isopropylbenzene	9.924	105	2311206	33.989	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.532	105	47473m	2.431	ug/L	
63) 1,2,4-Trimethylbenzene	10.908	105	131549	2.501	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	37097	1.378	ug/L	96
65) 1,4-Dichlorobenzene	11.265	146	258069	9.495	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	110580	4.417	ug/L	97

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

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