

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028705.D
 Acq On : 26 Oct 2022 19:40
 Operator : SY/MD
 Sample : N5232-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA49

Manual Integrations
 APPROVED

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

Quant Time: Oct 27 06:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	76902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74102	6.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.200%#
7) Chloroethane-d5	1.564	69	64073	7.063	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.200%#
11) 1,1-Dichloroethene-d2	2.105	63	106535	5.134	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	3.892	46	138129	56.463	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.920%
24) Chloroform-d	4.342	84	117050	6.283	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.600%#
26) 1,2-Dichloroethane-d4	5.030	65	64233	6.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.000%#
32) Benzene-d6	5.047	84	241053	5.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
36) 1,2-Dichloropropane-d6	6.066	67	83779	6.367	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.400%
41) Toluene-d8	7.313	98	198043	6.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.200%
43) trans-1,3-Dichloroprop...	7.622	79	13288	3.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.085	63	124654	65.504	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.000%#
56) 1,1,2,2-Tetrachloroeth...	10.210	84	57561	6.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.000%#
66) 1,2-Dichlorobenzene-d4	11.615	152	70779	6.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.400%#
Target Compounds						
					Qvalue	
8) Chloroethane	1.584	64	49232	6.000	ug/L	83
13) Acetone	2.182	43	22454	15.464	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	28975	1.303	ug/L #	50
18) trans-1,2-Dichloroethene	2.760	96	2506	0.294	ug/L	93
19) 1,1-Dichloroethane	3.191	63	3669	0.178	ug/L #	86
30) Cyclohexane	4.674	56	30220	1.560	ug/L	96
33) Benzene	5.088	78	20707181m	445.736	ug/L	
35) Methylcyclohexane	6.127	83	18816	1.184	ug/L	90
42) Toluene	7.387	91	86829	1.971	ug/L	100
51) Chlorobenzene	8.879	112	11248131	405.529	ug/L	91
52) Ethylbenzene	9.008	91	170833	3.490	ug/L	96
53) m,p-Xylene	9.130	106	1151879	65.166	ug/L	98
54) o-Xylene	9.535	106	163196	9.178	ug/L	99
60) Isopropylbenzene	9.924	105	2737362	56.566	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	119872	8.491	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	540782	13.833	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	14159	0.679	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	123803	5.953	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	68305	3.584	ug/L	98

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

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