

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025129.D
 Acq On : 23 Mar 2022 13:59
 Operator : SY/MD
 Sample : N2044-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY33

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 24 01:16:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	150519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67733	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	37859	3.186	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.568	69	36502	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.108	63	56416	2.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.915	46	75995	52.916	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.840%
24) Chloroform-d	4.352	84	84431	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.034	65	35798	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.050	84	167739	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.069	67	51978	4.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.316	98	145025	3.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.625	79	15645	3.842	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.091	63	67769	48.786	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.580%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32143	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50925	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%

Target Compounds	Qvalue					
12) 1,1-Dichloroethene	2.117	96	7332	0.765	ug/L #	1
13) Acetone	2.207	43	20571	21.417	ug/L	71
17) Methyl tert-butyl Ether	2.773	73	6364	0.305	ug/L #	1
19) 1,1-Dichloroethane	3.191	63	67852	3.455	ug/L	97
21) 2-Butanone	4.011	43	7014m	4.627	ug/L	
25) Chloroform	4.381	83	5267	0.258	ug/L	93
29) 1,1,1-Trichloroethane	4.606	97	3442	0.193	ug/L	95
33) Benzene	5.101	78	83661	1.837	ug/L	100
42) Toluene	7.390	91	62327	1.307	ug/L	100
47) Tetrachloroethene	7.979	164	1494	0.175	ug/L	84
52) Ethylbenzene	9.017	91	8119	0.161	ug/L	96
53) m,p-xylene	9.146	106	3575	0.184	ug/L	87
54) o-xylene	9.548	106	2126	0.114	ug/L	97
55) Styrene	9.577	104	1897	0.063	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	2914	0.071	ug/L	95

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

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