

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028156.D
 Acq On : 28 Sep 2022 14:00
 Operator : SY/MD
 Sample : N4820-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/29/2022
 Supervised By :Mahesh Dadoda 09/29/2022

Quant Time: Sep 29 01:27:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	172489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	170010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	50681	2.834	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.600%
7) Chloroethane-d5	1.561	69	48357	3.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.098	63	70049	2.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.200%#
20) 2-Butanone-d5	3.915	46	147880	48.983	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.960%
24) Chloroform-d	4.343	84	123126	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.031	65	61208	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.047	84	222488	3.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.066	67	75705	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.314	98	174834	3.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	7.622	79	25848	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.088	63	147350	56.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.480%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	65605	5.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89439	4.707	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
5) Vinyl chloride	1.301	62	2859	0.214	ug/L #	47
13) Acetone	2.217	43	25780m	11.086	ug/L	
14) Carbon disulfide	2.285	76	5551	0.243	ug/L #	94
17) Methyl tert-butyl Ether	2.770	73	33566	1.309	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	1141	0.109	ug/L	73
30) Cyclohexane	4.671	56	4159	0.275	ug/L #	75
33) Benzene	5.101	78	20325	0.431	ug/L	100
35) Methylcyclohexane	6.124	83	15607	0.968	ug/L	97
42) Toluene	7.391	91	11272	0.229	ug/L	94
51) Chlorobenzene	8.876	112	1640935	49.681	ug/L	100
52) Ethylbenzene	9.014	91	3404	0.065	ug/L	89
53) m,p-Xylene	9.143	106	7112	0.356	ug/L	94
54) o-Xylene	9.545	106	6004	0.305	ug/L	91
60) Isopropylbenzene	9.928	105	72036	1.267	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.535	105	3229	0.202	ug/L #	84
63) 1,2,4-Trimethylbenzene	10.915	105	7043	0.157	ug/L	89
64) 1,3-Dichlorobenzene	11.182	146	25787	0.911	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	57635	2.036	ug/L	96

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

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