

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028557.D
 Acq On : 14 Oct 2022 18:49
 Operator : SY/MD
 Sample : N5109-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ07

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 15 02:59:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	238989	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.847	117	220239	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	100398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113807	5.533	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.600%	
7) Chloroethane-d5	1.564	69	88792	5.251	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.000%	
11) 1,1-Dichloroethene-d2	2.105	63	153328	4.116	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.400%	
20) 2-Butanone-d5	3.905	46	151000m	34.150	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.300%	
24) Chloroform-d	4.342	84	139320	4.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.031	65	69187	4.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
32) Benzene-d6	5.047	84	299060	4.205	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.200%	
36) 1,2-Dichloropropane-d6	6.066	67	94273	4.108	ug/L	0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.200%	
41) Toluene-d8	7.310	98	255995	4.544	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.622	79	25461	3.284	ug/L	0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	=	65.600%	
46) 2-Hexanone-d5	8.088	63	125691	37.563	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.120%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	55246	4.043	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	74652	4.506	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.200%	
Target Compounds						
5) Vinyl chloride	1.307	62	173423	7.881	ug/L	98
12) 1,1-Dichloroethene	2.114	96	4729	0.318	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	4655	0.300	ug/L	96
19) 1,1-Dichloroethane	3.185	63	123774	3.549	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	83317	4.755	ug/L #	94
25) Chloroform	4.371	83	22143	0.670	ug/L	96
27) 1,2-Dichloroethane	5.137	62	13573	0.690	ug/L #	89
29) 1,1,1-Trichloroethane	4.609	97	9971	0.328	ug/L	97
30) Cyclohexane	4.670	56	11323	0.322	ug/L #	90
33) Benzene	5.101	78	31116	0.400	ug/L	100
34) Trichloroethene	5.921	95	4314	0.232	ug/L	89
45) 1,1,2-Trichloroethane	7.841	97	5950	0.540	ug/L	93
51) Chlorobenzene	8.879	112	50950	1.126	ug/L	99
54) o-Xylene	9.545	106	5569	0.189	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	4133	0.134	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1817	0.105	ug/L #	84
72) 1,2,3-Trichlorobenzene	13.741	180	1137	0.080	ug/L #	76

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

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