

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027863.D
 Acq On : 15 Sep 2022 18:41
 Operator : SY/MD
 Sample : N4652-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ32

Quant Time: Sep 16 01:35:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	120589	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	121317	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	40089	5.043	ug/L	0.01
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.800%		
7) Chloroethane-d5	1.568	69	33613	4.985	ug/L	0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	= 99.600%		
11) 1,1-Dichloroethene-d2	2.108	63	61152	3.625	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 72.600%		
20) 2-Butanone-d5	3.889	46	83600	47.457	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 94.920%		
24) Chloroform-d	4.346	84	85285	5.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.800%		
26) 1,2-Dichloroethane-d4	5.030	65	44629	5.149	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.000%		
32) Benzene-d6	5.047	84	151863	4.315	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.200%		
36) 1,2-Dichloropropane-d6	6.066	67	45042	4.371	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 87.400%		
41) Toluene-d8	7.313	98	123194	4.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 83.200%		
43) trans-1,3-Dichloroprop...	7.622	79	14658	4.240	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.800%		
46) 2-Hexanone-d5	8.088	63	61318	47.718	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.440%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31426	4.749	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 95.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	53646	5.188	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.800%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.310	62	1231949	113.473	ug/L	98
8) Chloroethane	1.584	64	406932	65.273	ug/L	98
12) 1,1-Dichloroethene	2.117	96	24162	3.023	ug/L	88
16) Methylene chloride	2.506	84	2216	0.215	ug/L	83
18) trans-1,2-Dichloroethene	2.760	96	31634	3.748	ug/L	89
19) 1,1-Dichloroethane	3.185	63	4148981	261.956	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	1939627	210.865	ug/L #	88
27) 1,2-Dichloroethane	5.137	62	17030	1.598	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	445666	23.885	ug/L	96
33) Benzene	5.101	78	13836	0.345	ug/L	100
34) Trichloroethene	5.915	95	20108	2.005	ug/L	97
35) Methylcyclohexane	6.130	83	5556	0.361	ug/L	95
42) Toluene	7.390	91	12688	0.327	ug/L	99
47) Tetrachloroethene	7.976	164	6868	0.853	ug/L	97
52) Ethylbenzene	9.017	91	5369	0.133	ug/L	97
53) m,p-Xylene	9.143	106	1108	0.070	ug/L #	59
54) o-Xylene	9.548	106	1893	0.125	ug/L	93
60) Isopropylbenzene	9.931	105	38094	0.967	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	5065	0.161	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	11.644	146	12996	0.718	ug/L	96

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

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