

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033317.D
 Acq On : 14 Dec 2023 07:55
 Operator : SY/MD
 Sample : 05770-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY89

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 14 11:18:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	119960	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	119209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	38478	5.003	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.000%		
7) Chloroethane-d5	1.523	69	29803	5.211	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.050	65	16226	5.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.000%		
20) 2-Butanone-d5	3.870	46	37183	40.858	ug/L	0.07
Spiked Amount	50.000	Range 40 - 130	Recovery	= 81.720%		
24) Chloroform-d	4.240	84	77434	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
26) 1,2-Dichloroethane-d4	4.937	65	36955	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
32) Benzene-d6	4.944	84	147349	4.778	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.600%		
36) 1,2-Dichloropropane-d6	5.986	67	36342	5.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.600%		
41) Toluene-d8	7.236	98	146584	4.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.600%		
43) trans-1,3-Dichloroprop...	7.551	79	14601	4.560	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.200%		
46) 2-Hexanone-d5	8.040	63	43084	48.196	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.400%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24869	5.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.561	152	57355	5.245	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.272	62	2111	0.244	ug/L #	59
14) Carbon disulfide	2.227	76	2519	0.113	ug/L #	89
22) cis-1,2-Dichloroethene	3.796	96	2326m	0.271	ug/L	
30) Cyclohexane	4.558	56	2896	0.275	ug/L #	77
33) Benzene	4.995	78	13291	0.416	ug/L	100
34) Trichloroethene	5.825	95	1971	0.212	ug/L	89
35) Methylcyclohexane	6.027	83	4050	0.294	ug/L #	84
39) cis-1,3-Dichloropropene	6.908	75	1160	0.111	ug/L #	70
42) Toluene	7.313	91	59852	1.636	ug/L	99
51) Chlorobenzene	8.815	112	7599	0.303	ug/L	97
52) Ethylbenzene	8.947	91	14478	0.353	ug/L	95
53) m,p-Xylene	9.069	106	8438	0.500	ug/L	86
54) o-Xylene	9.481	106	3595	0.225	ug/L	79
63) 1,2,4-Trimethylbenzene	10.850	105	8927	0.268	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	4943	0.237	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	6845	0.380	ug/L	95

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