

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW0333391.D
 Acq On : 15 Dec 2023 20:43
 Operator : SY/MD
 Sample : 05846-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD3

Quant Time: Dec 16 00:19:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 15 23:24:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	218243	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	226285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	95311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	81480	48.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.960%		
7) Chloroethane-d5	1.532	69	73481	48.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.440%		
11) 1,1-Dichloroethene-d2	2.060	65	42321	50.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.180%		
21) 2-Butanone-d5	3.783	46	86473	102.089	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.090%		
24) Chloroform-d	4.246	84	153389	46.139	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.280%		
26) 1,2-Dichloroethane-d4	4.941	65	100956	49.433	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
32) Benzene-d6	4.960	84	291074	47.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.520%		
36) 1,2-Dichloropropane-d6	5.989	67	88865	48.043	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.080%		
41) Toluene-d8	7.243	98	249255	44.696	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
43) trans-1,3-Dichloroprop...	7.555	79	39773	43.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
47) 2-Hexanone-d5	8.024	63	56116	90.198	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.200%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	126252	47.490	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.980%		
66) 1,2-Dichlorobenzene-d4	11.561	152	99531	55.571	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	111.140%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	162590	91.878	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	10305	5.692	ug/L #	73
12) 1,1-Dichloroethene	2.069	96	1663400m	1081.582	ug/L	
13) Acetone	2.108	43	39632	40.308	ug/L	98
14) Carbon disulfide	2.243	76	6898	1.755	ug/L #	94
19) 1,1-Dichloroethane	3.111	63	168527	60.489	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	37838	22.957	ug/L	95
22) 2-Butanone	3.873	43	29592m	30.549	ug/L	
25) Chloroform	4.278	83	10044	3.203	ug/L	89
27) 1,2-Dichloroethane	5.050	62	12280	5.081	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	92564	33.131	ug/L	100
33) Benzene	5.011	78	50260	8.333	ug/L	100
34) Trichloroethene	5.838	95	22929	13.857	ug/L	96
37) 1,2-Dichloropropane	6.101	63	3476	2.125	ug/L #	95

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

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