

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033392.D
 Acq On : 15 Dec 2023 21:07
 Operator : SY/MD
 Sample : 05846-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD4

Quant Time: Dec 16 00:20:18 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	223954	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	232956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	98364	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	82691	47.947	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.532	69	73339	47.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.780%		
11) 1,1-Dichloroethene-d2	2.060	65	43050	50.144	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.280%		
21) 2-Butanone-d5	3.780	46	89958	103.495	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.490%		
24) Chloroform-d	4.246	84	157693	46.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.440%		
26) 1,2-Dichloroethane-d4	4.940	65	101522	48.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.880%		
32) Benzene-d6	4.960	84	293749	46.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.640%		
36) 1,2-Dichloropropane-d6	5.989	67	91519	48.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.120%		
41) Toluene-d8	7.243	98	251167	43.749	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.500%		
43) trans-1,3-Dichloroprop...	7.555	79	39165	41.967	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.940%		
47) 2-Hexanone-d5	8.024	63	58852	91.887	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.890%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	129531	47.328	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.660%		
66) 1,2-Dichlorobenzene-d4	11.561	152	99017	53.568	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.140%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	163106	89.820	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15058	8.106	ug/L #	80
12) 1,1-Dichloroethene	2.069	96	1802864	1142.371	ug/L #	63
13) Acetone	2.111	43	40177	39.821	ug/L	96
14) Carbon disulfide	2.240	76	5527	1.370	ug/L #	86
19) 1,1-Dichloroethane	3.111	63	177825	62.199	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	33176	19.615	ug/L	99
22) 2-Butanone	3.892	43	11308m	11.376	ug/L	
25) Chloroform	4.275	83	10105	3.141	ug/L	93
27) 1,2-Dichloroethane	5.050	62	9432	3.803	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	108682	37.786	ug/L	99
33) Benzene	5.014	78	53323	8.588	ug/L	100
34) Trichloroethene	5.838	95	19664	11.544	ug/L	97
37) 1,2-Dichloropropane	6.098	63	3568m	2.119	ug/L	

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

