

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033394.D
 Acq On : 15 Dec 2023 21:53
 Operator : SY/MD
 Sample : 05846-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YCHD6

Quant Time: Dec 16 00:21:30 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

12/16/2023
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	223589	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	231977	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	95663	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.278	65	81137	47.122	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.240%
7) Chloroethane-d5	1.532	69	71420	46.220	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.440%
11) 1,1-Dichloroethene-d2	2.060	65	39925	46.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.160%
21) 2-Butanone-d5	3.783	46	86585	99.777	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.780%
24) Chloroform-d	4.249	84	157630	46.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
26) 1,2-Dichloroethane-d4	4.941	65	101945	48.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
32) Benzene-d6	4.960	84	296466	47.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
36) 1,2-Dichloropropane-d6	5.986	67	90707	47.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.680%
41) Toluene-d8	7.243	98	252096	44.096	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.555	79	40881	43.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.980%
47) 2-Hexanone-d5	8.024	63	54985	86.212	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.210%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	124801	45.792	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.580%
66) 1,2-Dichlorobenzene-d4	11.561	152	99382	55.284	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.560%

Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	21821	12.036	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	8388	4.523	ug/L #	82
12) 1,1-Dichloroethene	2.069	96	614721m	390.149	ug/L	
13) Acetone	2.111	43	40657	40.362	ug/L	98
14) Carbon disulfide	2.240	76	4588	1.139	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	2845	0.629	ug/L #	81
19) 1,1-Dichloroethane	3.111	63	46794	16.394	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	81591	48.320	ug/L	95
22) 2-Butanone	3.876	43	36761m	37.042	ug/L	
25) Chloroform	4.278	83	8285	2.579	ug/L	97
27) 1,2-Dichloroethane	5.043	62	48159	19.450	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	108155	37.762	ug/L	98
33) Benzene	5.018	78	9945m	1.608	ug/L	
34) Trichloroethene	5.834	95	62787	37.014	ug/L	98
37) 1,2-Dichloropropane	6.095	63	4284m	2.555	ug/L	
46) Tetrachloroethene	7.912	164	2786	2.102	ug/L	92

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