

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
 Data File : VV029500.D
 Acq On : 09 Dec 2022 02:01
 Operator : SY/MD
 Sample : N5915-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N09

Quant Time: Dec 09 04:17:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/09/2022
 Supervised By :Mahesh Dadoda 12/09/2022

12/09/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	532270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	516614	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.246	152	306753	50.000	ug/L	# 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	104504	32.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.120%
7) Chloroethane-d5	1.564	69	96325	38.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.520%
11) 1,1-Dichloroethene-d2	2.105	63	148114	29.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.260%#
21) 2-Butanone-d5	3.867	46	185536	93.313	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.310%
24) Chloroform-d	4.339	84	256444	41.810	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.620%
26) 1,2-Dichloroethane-d4	5.024	65	154957	44.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.460%
32) Benzene-d6	5.043	84	533090	39.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.100%
36) 1,2-Dichloropropane-d6	6.063	67	168086	40.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.620%
41) Toluene-d8	7.310	98	491907	38.245	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.480%#
43) trans-1,3-Dichloroprop...	7.612	79	72281	34.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.660%
47) 2-Hexanone-d5	8.085	63	170073	95.518	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	245755	41.245	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.480%
66) 1,2-Dichlorobenzene-d4	11.632	152	231363m	39.621	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.240%#

Target Compounds

						Qvalue
5) Vinyl chloride	1.310	62	245344	61.345	ug/L	99
8) Chloroethane	1.580	64	2065	0.927	ug/L	89
12) 1,1-Dichloroethene	2.114	96	4424	1.555	ug/L	# 1
13) Acetone	2.156	43	3383	2.612	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	42602	12.995	ug/L	95
19) 1,1-Dichloroethane	3.185	63	6502	1.158	ug/L	93
20) cis-1,2-Dichloroethene	3.902	96	252362	70.007	ug/L	95
27) 1,2-Dichloroethane	5.127	62	10570	2.570	ug/L	96
33) Benzene	5.092	78	1038558	71.320	ug/L	100
42) Toluene	7.384	91	50380	3.214	ug/L	100
46) Tetrachloroethene	7.973	164	6521	2.223	ug/L	90
51) Chlorobenzene	8.870	112	40449200m	4075.568	ug/L	
52) Ethylbenzene	9.014	91	15071	0.915	ug/L	98
60) Isopropylbenzene	9.924	105	29183	1.620	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	12592	0.798	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	1802630	204.706	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	20570449m	2298.517	ug/L	
67) 1,2-Dichlorobenzene	11.638	146	28068107m	3117.002	ug/L	
70) 1,2,4-trichlorobenzene	13.252	180	9902	1.589	ug/L	98

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

