

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035023.D
 Acq On : 05 Apr 2024 23:04
 Operator : SY/MD
 Sample : P2006-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORF0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 03:18:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	429443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.802	117	461240	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.214	152	246797	50.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	186379	44.939	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	89.880%		
7) Chloroethane-d5	1.532	69	170927	47.450	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	94.900%		
11) 1,1-Dichloroethene-d2	2.060	65	81289	44.713	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	89.420%		
21) 2-Butanone-d5	3.790	46	209031	84.982	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery =	84.980%		
24) Chloroform-d	4.246	84	312512	44.817	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	4.944	65	204710	46.240	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	92.480%		
32) Benzene-d6	4.963	84	652232	42.098	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	84.200%		
36) 1,2-Dichloropropane-d6	5.986	67	204979	41.663	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	83.320%		
41) Toluene-d8	7.243	98	574439	41.170	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	82.340%		
43) trans-1,3-Dichloroprop...	7.551	79	90072	37.659	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	75.320%		
47) 2-Hexanone-d5	8.027	63	144774	77.830	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery =	77.830%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	292164	43.124	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	86.240%		
66) 1,2-Dichlorobenzene-d4	11.590	152	231309	41.744	ug/L	0.03
Spiked Amount 50.000	Range 80	- 120	Recovery =	83.480%		
Target Compounds						Qvalue
25) Chloroform	4.275	83	49490	7.834	ug/L	95
29) Cyclohexane	4.580	56	22251	3.852	ug/L #	93
31) Carbon tetrachloride	4.735	117	118221	23.199	ug/L	99
33) Benzene	4.998	78	26905277m	1788.869	ug/L	
35) Methylcyclohexane	6.050	83	14260	2.326	ug/L #	84
46) Tetrachloroethene	7.908	164	9258	3.265	ug/L	96
51) Chlorobenzene	8.809	112	37209188m	3646.000	ug/L	
64) 1,3-Dichlorobenzene	11.127	146	7909074	951.233	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	36253545m	4287.671	ug/L	
67) 1,2-Dichlorobenzene	11.583	146	36911521m	4456.418	ug/L	
69) 1,3,5-Trichlorobenzene	12.587	180	9331	1.557	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	20532130m	3730.141	ug/L	
72) 1,2,3-Trichlorobenzene	13.683	180	4217430	777.294	ug/L	100

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

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