

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080224\
 Data File : VV036771.D
 Acq On : 02 Aug 2024 19:37
 Operator : SY/MD
 Sample : P3391-01
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Aug 03 00:23:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 03 00:03:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/03/2024
 Supervised By :Mahesh Dadoda 08/05/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	470635	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	435435	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	211967	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	183295	48.761	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.520%		
7) Chloroethane-d5	1.532	69	145578	49.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.220%		
11) 1,1-Dichloroethene-d2	2.059	65	80009	49.759	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.520%		
21) 2-Butanone-d5	3.799	46	203986	102.420	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.420%		
24) Chloroform-d	4.246	84	323581	47.968	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
26) 1,2-Dichloroethane-d4	4.937	65	221441	51.056	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.120%		
32) Benzene-d6	4.953	84	676585	51.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.880%		
36) 1,2-Dichloropropane-d6	5.985	67	216363	50.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.980%		
41) Toluene-d8	7.239	98	615373	51.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.020%		
43) trans-1,3-Dichloroprop...	7.551	79	106042	48.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.040%		
47) 2-Hexanone-d5	8.027	63	123971	101.618	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.620%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	245460	50.384	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.760%		
66) 1,2-Dichlorobenzene-d4	11.557	152	219494	50.817	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	9360	2.494	ug/L	99
3) Chloromethane	1.217	50	9530	2.427	ug/L	100
5) Vinyl chloride	1.281	62	10775	2.672	ug/L #	76
6) Bromomethane	1.487	94	5990	2.359	ug/L	97
8) Chloroethane	1.548	64	6197	2.481	ug/L	99
9) Trichlorofluoromethane	1.712	101	12913	2.444	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	9481	3.046	ug/L #	89
12) 1,1-Dichloroethene	2.069	96	8668	2.916	ug/L #	1
13) Acetone	2.117	43	6868	4.122	ug/L	94
14) Carbon disulfide	2.240	76	26003	2.784	ug/L #	93
15) Methyl Acetate	2.375	43	7835	2.282	ug/L	94
16) Methylene chloride	2.445	84	9418	2.818	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	6970	2.263	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	24941	2.300	ug/L	96
19) 1,1-Dichloroethane	3.108	63	14329	2.303	ug/L	96
20) cis-1,2-Dichloroethene	3.812	96	8976	2.483	ug/L	91
22) 2-Butanone	3.918	43	12934m	5.794	ug/L	
23) Bromochloromethane	4.149	128	3928	2.237	ug/L #	97
27) 1,2-Dichloroethane	5.050	62	11594m	2.300	ug/L	

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29) Cyclohexane	4.574	56	13694	2.468	ug/L	96
30) 1,1,1-Trichloroethane	4.506	97	12115	2.208	ug/L	93
31) Carbon tetrachloride	4.731	117	10754	2.334	ug/L	99
33) Benzene	5.011	78	29807	2.289	ug/L	100
34) Trichloroethene	5.834	95	9950m	2.636	ug/L	
35) Methylcyclohexane	6.046	83	15777m	2.724	ug/L	
37) 1,2-Dichloropropane	6.101	63	8867m	2.570	ug/L	
38) Bromodichloromethane	6.442	83	10687	2.249	ug/L	99
39) cis-1,3-Dichloropropene	6.969	75	14105m	2.387	ug/L	
40) 4-Methyl-2-pentanone	7.172	43	22049m	5.159	ug/L	
42) Toluene	7.323	91	31036	2.237	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	13594m	2.469	ug/L	
45) 1,1,2-Trichloroethane	7.779	97	7047	2.109	ug/L	94
46) Tetrachloroethene	7.908	164	6363	2.570	ug/L	95
48) 2-Hexanone	8.088	43	31124m	9.899	ug/L	
49) Dibromochloromethane	8.178	129	7646	2.227	ug/L	99
50) 1,2-Dibromoethane	8.291	107	8032	2.317	ug/L #	96
51) Chlorobenzene	8.818	112	20901	2.348	ug/L	95
52) Ethylbenzene	8.950	91	36253	2.289	ug/L	99
53) m,p-Xylene	9.078	106	12927	2.183	ug/L	95
54) o-Xylene	9.480	106	12998	2.245	ug/L	100
55) Styrene	9.503	104	23137m	2.331	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.178	83	12176	2.701	ug/L #	95
59) Bromoform	9.667	173	4695	2.002	ug/L	99
60) Isopropylbenzene	9.869	105	35890	2.326	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	8992	2.357	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	29336	2.283	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	29644	2.305	ug/L	95
64) 1,3-Dichlorobenzene	11.120	146	16876	2.543	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	19796	2.934	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	16878	2.604	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2272	2.060	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	11857	2.518	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	11780	2.608	ug/L	95
71) Naphthalene	13.442	128	41655	2.876	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	11451	2.590	ug/L	99

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

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