

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058951.D
 Acq On : 23 May 2024 16:18
 Operator : MD/SY
 Sample : P2409-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Quant Time: May 24 07:10:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	174894	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	183633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94171	50.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.820%			
7) Chloroethane-d5	1.907	69	75929	49.391	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.780%			
11) 1,1-Dichloroethene-d2	2.560	63	115848	40.993	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.980%			
21) 2-Butanone-d5	4.618	46	143836	113.204	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.200%			
24) Chloroform-d	5.055	84	157038	49.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.000%			
26) 1,2-Dichloroethane-d4	5.695	65	101858	52.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.980%			
32) Benzene-d6	5.721	84	326177	52.101	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.200%			
36) 1,2-Dichloropropane-d6	6.682	67	107596	52.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.060%			
41) Toluene-d8	7.891	98	274801	48.971	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.940%			
43) trans-1,3-Dichloroprop...	8.174	79	45282	48.769	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.540%			
47) 2-Hexanone-d5	8.627	63	87068	101.809	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.810%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	156410	50.280	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.560%			
66) 1,2-Dichlorobenzene-d4	12.187	152	97581	55.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2356	2.013	ug/L	96
3) Chloromethane	1.515	50	2859	2.280	ug/L	96
5) Vinyl chloride	1.602	62	3462	2.364	ug/L #	69
6) Bromomethane	1.856	94	1890	2.178	ug/L	98
8) Chloroethane	1.930	64	2204	2.195	ug/L #	72
9) Trichlorofluoromethane	2.136	101	3831	1.924	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	3751	2.771	ug/L #	66
12) 1,1-Dichloroethene	2.573	96	2873	2.652	ug/L #	1
13) Acetone	2.631	43	4357m	3.889	ug/L	
14) Carbon disulfide	2.788	76	5345	2.622	ug/L #	91
15) Methyl Acetate	2.952	43	4110m	2.277	ug/L	
16) Methylene chloride	3.039	84	5864	3.393	ug/L	88
17) trans-1,2-Dichloroethene	3.351	96	2389	2.195	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	8757	2.033	ug/L	99
19) 1,1-Dichloroethane	3.862	63	5969	2.153	ug/L	93
20) cis-1,2-Dichloroethene	4.663	96	3152	2.188	ug/L	85
22) 2-Butanone	4.727	43	6703m	4.593	ug/L	
23) Bromochloromethane	4.975	128	1535	2.044	ug/L	85
27) 1,2-Dichloroethane	5.795	62	5126m	2.294	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058951.D
 Acq On : 23 May 2024 16:18
 Operator : MD/SY
 Sample : P2409-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Quant Time: May 24 07:10:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:52:32 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.377	56	2882	1.844	ug/L	98
30) 1,1,1-Trichloroethane	5.312	97	4665	2.117	ug/L	93
31) Carbon tetrachloride	5.518	117	3833	2.153	ug/L	91
34) Trichloroethene	6.544	95	2892	1.974	ug/L #	69
35) Methylcyclohexane	6.756	83	2732	1.591	ug/L	97
37) 1,2-Dichloropropane	6.788	63	4047	2.256	ug/L #	91
38) Bromodichloromethane	7.103	83	4821	2.162	ug/L	95
39) cis-1,3-Dichloropropene	7.608	75	5592m	2.263	ug/L	
40) 4-Methyl-2-pentanone	7.788	43	9819m	3.839	ug/L	
42) Toluene	7.968	91	12538	2.119	ug/L	96
44) trans-1,3-Dichloropropene	8.206	75	5022	2.147	ug/L	91
45) 1,1,2-Trichloroethane	8.396	97	3409	1.925	ug/L	95
46) Tetrachloroethene	8.550	164	1880	1.924	ug/L	94
49) Dibromochloromethane	8.804	129	3260	1.926	ug/L	99
50) 1,2-Dibromoethane	8.923	107	3851	2.275	ug/L #	96
51) Chlorobenzene	9.441	112	8843	2.261	ug/L	92
52) Ethylbenzene	9.570	91	12336	1.926	ug/L	97
53) m,p-Xylene	9.695	106	4310	1.874	ug/L	98
54) o-Xylene	10.097	106	3871	1.681	ug/L	88
55) Styrene	10.116	104	7003m	1.703	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.775	83	7641	2.394	ug/L #	91
59) Bromoform	10.283	173	2645	2.363	ug/L #	91
60) 1,2,3-Trichloropropane	10.817	75	5389	2.507	ug/L	92
61) Isopropylbenzene	10.479	105	10674	1.979	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	7693	1.810	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	7209	1.682	ug/L	92
64) 1,3-Dichlorobenzene	11.746	146	6277	2.242	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	6812	2.409	ug/L	91
67) 1,2-Dichlorobenzene	12.206	146	6753	2.371	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	13.000	75	1156	1.988	ug/L	100
69) 1,3,5-Trichlorobenzene	13.222	180	4081m	2.069	ug/L	
70) 1,2,4-trichlorobenzene	13.843	180	3056	1.799	ug/L	94
71) Naphthalene	14.093	128	9426m	1.902	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	3323	1.910	ug/L	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
Data File : VU058951.D
Acq On : 23 May 2024 16:18
Operator : MD/SY
Sample : P2409-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT2-2024-03

Quant Time: May 24 07:10:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 06:52:32 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
Supervised By :Mahesh Dadoda 05/27/2024

