Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102921\
Data File : VV023103.D
Acq On : 29 Oct 2021 14:23
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 30 00:50:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 30 00:25:16 2021
Response via : Initial Calibration

Instrument : MSVOA_V
ClientSampleId : MDL04

Manual Integrations APPROVED
SAM

11/1/2021 6:39:55 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	263714	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	261675	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	132987	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80225	44.142	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.280%			
7) Chloroethane-d5	1.564	69	66382	46.829	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.660%			
11) 1,1-Dichloroethene-d2	2.108	63	119351	34.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.340%			
21) 2-Butanone-d5	3.879	46	148419	109.000	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.000%			
24) Chloroform-d	4.349	84	178247	46.647	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.300%			
26) 1,2-Dichloroethane-d4	5.034	65	114869	50.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.580%			
32) Benzene-d6	5.050	84	352864	49.226	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.460%			
36) 1,2-Dichloropropane-d6	6.069	67	114175	50.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.080%			
41) Toluene-d8	7.316	98	311226	47.589	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.180%			
43) trans-1,3-Dichloroprop...	7.622	79	51261	46.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.740%			
47) 2-Hexanone-d5	8.088	63	105037	105.979	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.980%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	161381	48.387	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.780%			
66) 1,2-Dichlorobenzene-d4	11.625	152	132533	51.665	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	6061	2.418	ug/L	100
3) Chloromethane	1.240	50	5442	2.302	ug/L	92
5) Vinyl chloride	1.310	62	5546	2.347	ug/L #	81
6) Bromomethane	1.519	94	3130	2.358	ug/L	96
8) Chloroethane	1.580	64	3366	2.340	ug/L	87
9) Trichlorofluoromethane	1.751	101	8514	2.374	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	5661	2.974	ug/L #	84
12) 1,1-Dichloroethene	2.117	96	4990	2.825	ug/L #	1
13) Acetone	2.172	43	7748	5.741	ug/L #	76
14) Carbon disulfide	2.294	76	12758	2.415	ug/L	98
15) Methyl Acetate	2.439	43	5893	2.631	ug/L	96
16) Methylene chloride	2.506	84	5785	2.556	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	4756	2.359	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	14177	2.342	ug/L	96
19) 1,1-Dichloroethane	3.194	63	9221	2.455	ug/L	91
20) cis-1,2-Dichloroethene	3.918	96	5303	2.461	ug/L	87
22) 2-Butanone	3.998	43	8503m	5.528	ug/L	
23) Bromochloromethane	4.256	128	2836	2.335	ug/L	96
25) Chloroform	4.374	83	10318m	2.671	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.137	62	6853m	2.364	ug/L		
29) Cyclohexane	4.677	56	6738	2.206	ug/L		95
30) 1,1,1-Trichloroethane	4.612	97	8299	2.380	ug/L		99
31) Carbon tetrachloride	4.831	117	6783	2.164	ug/L		99
33) Benzene	5.104	78	19875	2.438	ug/L		100
34) Trichloroethene	5.921	95	5184	2.434	ug/L		96
35) Methylcyclohexane	6.130	83	7294	2.197	ug/L		97
37) 1,2-Dichloropropane	6.175	63	5426m	2.533	ug/L		
38) Bromodichloromethane	6.516	83	6586	2.271	ug/L		90
39) cis-1,3-Dichloropropene	7.034	75	7920m	2.438	ug/L		
40) 4-Methyl-2-pentanone	7.233	43	12283	4.445	ug/L		99
42) Toluene	7.394	91	23850	2.734	ug/L		97
44) trans-1,3-Dichloropropene	7.657	75	7266m	2.307	ug/L		
45) 1,1,2-Trichloroethane	7.847	97	5000	2.286	ug/L		89
46) Tetrachloroethene	7.979	164	4119	2.243	ug/L		98
48) 2-Hexanone	8.146	43	10718	4.886	ug/L	#	95
49) Dibromochloromethane	8.249	129	5668	2.268	ug/L		96
50) 1,2-Dibromoethane	8.358	107	5546	2.407	ug/L		94
51) Chlorobenzene	8.886	112	14102	2.393	ug/L		96
52) Ethylbenzene	9.017	91	19635	2.115	ug/L		98
53) m,p-Xylene	9.143	106	7262	2.029	ug/L		98
54) o-Xylene	9.548	106	7229	2.076	ug/L		90
55) Styrene	9.567	104	11204	1.851	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.242	83	9054	2.595	ug/L	#	98
59) Bromoform	9.734	173	3927	2.334	ug/L	#	94
60) Isopropylbenzene	9.934	105	17345	2.042	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	6609	2.652	ug/L		97
62) 1,3,5-Trimethylbenzene	10.541	105	14265	2.039	ug/L		97
63) 1,2,4-Trimethylbenzene	10.918	105	14519	2.067	ug/L		97
64) 1,3-Dichlorobenzene	11.185	146	9571	2.228	ug/L		97
65) 1,4-Dichlorobenzene	11.278	146	10509	2.349	ug/L		93
67) 1,2-Dichlorobenzene	11.644	146	11212	2.582	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.432	75	1924	2.766	ug/L		91
69) 1,3,5-Trichlorobenzene	12.647	180	7592	2.337	ug/L		98
70) 1,2,4-trichlorobenzene	13.265	180	6436	2.286	ug/L		96
71) Naphthalene	13.506	128	18579	2.055	ug/L		100
72) 1,2,3-Trichlorobenzene	13.747	180	6484	2.179	ug/L		99

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

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