Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102921\
Data File : VX025025.D
Acq On : 29 Oct 2021 17:53
Operator : JC/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL04

Manual Integrations APPROVED
MMDadoda
11/2/2021 2:32:57 PM

Quant Time: Oct 30 01:52:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 30 01:06:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159480	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	34183	33.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 67.240%			
7) Chloroethane-d5	1.666	69	26271	37.806	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 75.620%			
11) 1,1-Dichloroethene-d2	2.307	63	70685	28.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 56.440%#			
21) 2-Butanone-d5	4.459	46	92105	90.706	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.710%			
24) Chloroform-d	5.068	84	113718	42.751	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.500%			
26) 1,2-Dichloroethane-d4	5.958	65	85190	43.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.340%			
32) Benzene-d6	5.983	84	173090	42.411	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.820%			
36) 1,2-Dichloropropane-d6	7.312	67	60349	43.390	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.780%			
41) Toluene-d8	8.653	98	159494	40.848	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.700%			
43) trans-1,3-Dichloroprop...	8.952	79	33806	42.295	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.600%			
47) 2-Hexanone-d5	9.385	63	67297	95.034	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.030%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	88413	47.009	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.020%			
66) 1,2-Dichlorobenzene-d4	12.323	152	57386	46.708	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.420%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	3720	2.485	ug/L	100
3) Chloromethane	1.288	50	2325	2.234	ug/L	88
5) Vinyl chloride	1.374	62	2643	2.257	ug/L #	68
6) Bromomethane	1.612	94	1555	2.064	ug/L	79
8) Chloroethane	1.691	64	1774	2.998	ug/L	93
9) Trichlorofluoromethane	1.892	101	5881	2.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	3597	3.050	ug/L #	86
12) 1,1-Dichloroethene	2.319	96	3249	3.275	ug/L #	1
13) Acetone	2.386	43	4274	4.428	ug/L	100
14) Carbon disulfide	2.514	76	5934	2.207	ug/L #	94
15) Methyl Acetate	2.709	43	3444	2.468	ug/L #	80
16) Methylene chloride	2.800	84	3416	3.041	ug/L #	85
17) trans-1,2-Dichloroethene	3.099	96	2613	2.572	ug/L	91
18) Methyl tert-butyl Ether	3.123	73	10520	2.508	ug/L #	86
19) 1,1-Dichloroethane	3.611	63	5199	2.203	ug/L	92
20) cis-1,2-Dichloroethene	4.495	96	2900m	2.527	ug/L	
22) 2-Butanone	4.568	43	5005m	4.213	ug/L	
23) Bromochloromethane	4.910	128	1675m	2.922	ug/L	
25) Chloroform	5.111	83	7198m	2.740	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.092	62	6045	2.603	ug/L	#	86
29) Cyclohexane	5.477	56	4499m	2.308	ug/L		
30) 1,1,1-Trichloroethane	5.385	97	6069	2.440	ug/L	#	91
31) Carbon tetrachloride	5.684	117	5311m	2.521	ug/L		
33) Benzene	6.038	78	11052m	2.483	ug/L		
34) Trichloroethene	7.129	95	3361	2.503	ug/L		85
35) Methylcyclohexane	7.385	83	4665	2.407	ug/L		93
37) 1,2-Dichloropropane	7.434	63	3474	2.743	ug/L	#	85
38) Bromodichloromethane	7.830	83	4707	2.433	ug/L	#	91
39) cis-1,3-Dichloropropene	8.373	75	4679	2.273	ug/L		96
40) 4-Methyl-2-pentanone	8.580	43	9160	4.657	ug/L	#	81
42) Toluene	8.720	91	14232	2.921	ug/L		99
44) trans-1,3-Dichloropropene	8.982	75	4415m	2.083	ug/L		
45) 1,1,2-Trichloroethane	9.159	97	3200	2.699	ug/L		90
46) Tetrachloroethene	9.281	164	1993	2.377	ug/L	#	78
48) 2-Hexanone	9.433	43	7371	4.534	ug/L	#	84
49) Dibromochloromethane	9.525	129	3067	2.298	ug/L		92
50) 1,2-Dibromoethane	9.610	107	3031	2.317	ug/L	#	86
51) Chlorobenzene	10.080	112	7053	2.421	ug/L	#	84
52) Ethylbenzene	10.195	91	13162	2.341	ug/L		86
53) m,p-Xylene	10.305	106	4395	2.273	ug/L		97
54) o-Xylene	10.647	106	4276	2.262	ug/L		79
55) Styrene	10.659	104	6632	2.074	ug/L	#	71
57) 1,1,2,2-Tetrachloroethane	11.220	83	5106	2.676	ug/L	#	90
59) Bromoform	10.805	173	1838	2.357	ug/L	#	79
60) Isopropylbenzene	10.964	105	11947	2.476	ug/L	#	93
61) 1,2,3-Trichloropropane	11.244	75	4553	2.952	ug/L		97
62) 1,3,5-Trimethylbenzene	11.457	105	9896	2.368	ug/L		98
63) 1,2,4-Trimethylbenzene	11.756	105	10215	2.438	ug/L		98
64) 1,3-Dichlorobenzene	11.969	146	4853	2.584	ug/L		99
65) 1,4-Dichlorobenzene	12.043	146	5103	2.627	ug/L	#	71
67) 1,2-Dichlorobenzene	12.335	146	5271	2.747	ug/L	#	87
68) 1,2-Dibromo-3-chloropr...	12.951	75	1295	2.575	ug/L		91
69) 1,3,5-Trichlorobenzene	13.116	180	3643	2.701	ug/L		94
70) 1,2,4-trichlorobenzene	13.597	180	2909	2.544	ug/L		91
71) Naphthalene	13.780	128	7277	1.840	ug/L		98
72) 1,2,3-Trichlorobenzene	13.963	180	2734	2.325	ug/L		96

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

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