Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080621\
Data File : VL037351.D
Acq On : 6 Aug 2021 19:59
Operator : SY/AP
Sample : M3157-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 07 02:05:59 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 0
QLast Update : Fri Aug 06 17:52:04 2021
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : DDC-2-INFLUENT-1

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	934920	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	3063709	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.08	117	2595468	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1696636	9.28	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 92.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	35505	0.168	ppbv		90
3) Chlorodifluoromethane	2.98	51	191489	1.027	ppbv	#	91
4) Chloromethane	3.13	50	34957m	0.549	ppbv		
5) Vinyl Chloride	3.25	62	13076m	0.170	ppbv		
7) Chloroethane	3.56	64	3889m	0.151	ppbv		
9) Propene	3.02	41	55758	0.891	ppbv		91
10) Heptane	8.12	43	26497m	0.182	ppbv		
11) Trichlorofluoromethane	3.95	101	45174m	0.249	ppbv		
12) 1,1,2-Trichlorotrifluoroet	4.48	101	15126	0.112	ppbv		96
13) Ethanol	3.60	45	2412218	209.019	ppbv		96
15) Acetone	3.84	43	576927	5.922	ppbv	#	57
17) tert-Butyl alcohol	4.29	59	32754m	0.316	ppbv		
18) 1,1-Dichloroethene	4.29	96	9479m	0.161	ppbv		
19) Isopropyl Alcohol	3.97	45	290484m	4.926	ppbv		
20) Methylene Chloride	4.34	84	999340	12.248	ppbv		97
24) 1,1-Dichloroethane	5.00	63	14220m	0.122	ppbv		
26) Hexane	5.68	57	700666	5.146	ppbv	#	50
29) Chloroform	5.74	83	672063	3.679	ppbv		98
30) Cyclohexane	7.12	84	79985	0.753	ppbv		87
31) cis-1,2-Dichloroethene	5.54	61	421984	3.926	ppbv		97
32) 1,1,1-Trichloroethane	6.50	97	63356	0.327	ppbv		95
34) 2-Butanone	5.24	43	174953	1.701	ppbv		94
35) Carbon Tetrachloride	7.01	117	336422	1.755	ppbv		100
36) Benzene	6.88	78	200249	0.853	ppbv		98
38) Trichloroethene	7.83	130	108734	0.945	ppbv		98
41) Tetrahydrofuran	6.05	42	24914	0.492	ppbv		90
44) 2,2,4-Trimethylpentane	7.86	57	108556	0.276	ppbv	#	87
50) 4-Methyl-2-Pentanone	8.77	43	24773m	0.176	ppbv		
52) Tetrachloroethene	11.21	164	2881945	25.735	ppbv		98
53) Toluene	9.80	91	754011	2.755	ppbv		99
58) Ethyl Benzene	12.70	91	82689	0.244	ppbv		94
59) m/p-Xylene	12.96	91	218664m	0.741	ppbv		
60) o-Xylene	13.69	91	80759	0.295	ppbv		97
61) Styrene	13.51	104	32275m	0.229	ppbv		
63) 1,1,2,2-Tetrachloroethane	13.67	83	13847m	0.065	ppbv		
65) tert-Butylbenzene	16.73	119	37343m	0.101	ppbv		
69) p-Isopropyltoluene	17.64	119	47827m	0.113	ppbv		
70) n-Butylbenzene	18.54	91	38844	0.103	ppbv	#	91
72) 4-Ethyltoluene	15.83	105	43818	0.135	ppbv	#	91
73) 1,3,5-Trimethylbenzene	15.99	105	46938m	0.154	ppbv		
74) 1,2,4-Trimethylbenzene	16.74	105	100283	0.313	ppbv	#	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) Hexachloro-1,3-Butadiene	23.36	225	39303m	0.252	ppbv	
79) Naphthalene	22.19	128	57954m	0.256	ppbv	
80) Naphthalene,2-methyl-	24.97	142	24685	0.599	ppbv	92
81) 1,2,4-Trichlorobenzene	21.92	180	28851m	0.197	ppbv	

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

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