Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024558.D
Acq On : 21 Jan 2020 12:08
Operator : JU
Sample : L1109-09ME
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GASG8ME

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:22 AM

Quant Time: Jan 21 14:41:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 21 11:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	231070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	1003016	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	707554	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1523327	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1417625	20.00	ng/ul	0.01
86) Perylene-d12	23.19	264	1205968	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23044	4.87	ng/uL	0.00
5) Phenol-d5	6.65	99	546687	31.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	294106	30.91	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	484867	33.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	476937	30.20	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	252170	35.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	295638	38.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	547297	31.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	694288	36.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1683037	30.36	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1962526	30.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	287762	31.10	ng/ul	0.00
58) Fluorene-d10	15.10	176	1468580	30.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	241127	27.73	ng/ul	0.02
71) Anthracene-d10	16.96	188	2294278	32.39	ng/ul	0.01
79) Pyrene-d10	19.26	212	2685015	35.43	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.06	264	2033408	32.51	ng/ul	0.01
Target Compounds						Qvalue
41) 1,1'-Biphenyl	12.93	154	573941	11.173	ng/ul	98
48) Acenaphthylene	13.82	152	1440158	22.096	ng/ul	99
50) Acenaphthene	14.17	153	727239	16.486	ng/ul	99
54) Dibenzofuran	14.51	168	3345243	51.765	ng/ul	99
59) Fluorene	15.16	166	3553936	65.044	ng/ul	98
70) Phenanthrene	16.90	178	21149008m	257.436	ng/ul	
72) Anthracene	17.00	178	6863881	81.932	ng/ul	99
75) Carbazole	17.26	167	1861197	26.404	ng/ul	99
77) Fluoranthene	18.93	202	18669630m	185.941	ng/ul	
80) Pyrene	19.30	202	18776944m	193.484	ng/ul	
83) Benzo(a)anthracene	21.06	228	10758403	111.405	ng/ul	95
85) Chrysene	21.11	228	9167544	98.518	ng/ul	98
88) Benzo(b)fluoranthene	22.57	252	6907464	86.659	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	2847510m	36.350	ng/ul	
91) Benzo(a)pyrene	23.10	252	5090396	73.487	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.26	276	3036903	41.901	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	885871m	14.402	ng/ul	
94) Benzo(g,h,i)perylene	25.89	276	2517865	43.711	ng/ul	98

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

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