Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024540.D
Acq On : 18 Jan 2020 17:47
Operator : JU
Sample : L1109-01
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GASG2

Manual Integrations APPROVED
mohammad
1/21/2020 8:00:02 AM

Quant Time: Jan 20 05:45:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 03:25:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	253264	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1123485	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	773654	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1644446	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1763584	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1807820	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	16183	3.12	ng/uL	0.00
5) Phenol-d5	6.65	99	360012	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	231250	22.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	343912	21.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	316569	18.29	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	194092	24.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	227312	26.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	393748	20.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	367176	17.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1492709	24.62	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1496630	21.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	236883	23.41	ng/ul	0.00
58) Fluorene-d10	15.11	176	1190210	22.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	189219	20.16	ng/ul	0.00
71) Anthracene-d10	16.96	188	1751700	22.91	ng/ul	0.00
79) Pyrene-d10	19.26	212	1918346	20.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1894474	20.20	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.68	94	24667	1.293	ng/ul	96
45) Dimethylphthalate	13.57	163	382927	6.214	ng/ul	100
48) Acenaphthylene	13.82	152	226284	3.175	ng/ul	99
54) Dibenzofuran	14.51	168	138247	1.956	ng/ul	97
59) Fluorene	15.16	166	160515	2.687	ng/ul	96
70) Phenanthrene	16.90	178	1534558	17.304	ng/ul	100
72) Anthracene	16.99	178	442517	4.893	ng/ul	99
77) Fluoranthene	18.93	202	1633653	15.072	ng/ul	100
80) Pyrene	19.29	202	1536088	12.723	ng/ul	100
83) Benzo(a)anthracene	21.05	228	930795m	7.748	ng/ul	
85) Chrysene	21.10	228	824583	7.123	ng/ul	98
88) Benzo(b)fluoranthene	22.57	252	733028	6.135	ng/ul#	98
89) Benzo(k)fluoranthene	22.60	252	298584m	2.543	ng/ul	
91) Benzo(a)pyrene	23.10	252	560790	5.401	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.27	276	297725	2.740	ng/ul	97
93) Dibenzo(a,h)anthracene	25.27	278	99381	1.078	ng/ul#	81
94) Benzo(g,h,i)perylene	25.90	276	197624	2.289	ng/ul#	90

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

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