Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029428.D
Acq On : 09 Apr 2021 13:07
Operator : CG/JU
Sample : M1881-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQG8

Manual Integrations APPROVED
mohammad
4/12/2021 2:46:03 PM

Quant Time: Apr 09 13:43:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	93585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	360242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	199937	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	377508	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	367960	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	393610	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	6064	2.47	ng/uL	0.01
5) Phenol-d5	6.86	99	92645	11.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	69258	13.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	78708	13.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	45217	7.48	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	33784	13.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	30338	11.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	62845	11.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	35977	5.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	206981	14.45	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	244466	13.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	13895	5.29	ng/ul	0.00
58) Fluorene-d10	15.32	176	177140	14.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	8815	4.11	ng/ul	0.00
71) Anthracene-d10	17.16	188	256633	14.96	ng/ul	0.00
79) Pyrene-d10	19.45	212	282136	15.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	303030	15.09	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.84	77	8617	1.985	ng/ul	92
6) Phenol	6.89	94	14961	1.789	ng/ul	100
14) Acetophenone	8.51	105	56614	5.731	ng/ul	97
45) Dimethylphthalate	13.78	163	15703	1.067	ng/ul#	95
48) Acenaphthylene	14.04	152	21037	1.191	ng/ul	98
59) Fluorene	15.37	166	21550	1.425	ng/ul	96
70) Phenanthrene	17.10	178	429339	19.755	ng/ul	100
72) Anthracene	17.19	178	105102	4.712	ng/ul	99
75) Carbazole	17.46	167	25687	1.272	ng/ul	98
77) Fluoranthene	19.12	202	882551	35.875	ng/ul	99
80) Pyrene	19.48	202	734872	30.157	ng/ul	97
83) Benzo(a)anthracene	21.23	228	356855	15.381	ng/ul	95
85) Chrysene	21.27	228	354123	15.610	ng/ul	95
88) Benzo(b)fluoranthene	22.79	252	481963	19.021	ng/ul#	93
89) Benzo(k)fluoranthene	22.83	252	137176m	5.513	ng/ul	
91) Benzo(a)pyrene	23.36	252	317673	14.132	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.67	276	224133	7.618	ng/ul	97
93) Dibenzo(a,h)anthracene	25.67	278	56425	2.283	ng/ul#	75
94) Benzo(g,h,i)perylene	26.36	276	200878	8.407	ng/ul	99

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

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