Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029915.D
Acq On : 10 May 2021 21:23
Operator : CG/JU
Sample : M2177-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG583

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:54 PM

Quant Time: May 11 02:01:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	140626	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	612907	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	387430	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	722554	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	530407	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	516266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	11273	3.20	ng/uL	0.00
4) Pyridine-d5	3.53	84	46234m	5.24	ng/ul	0.05
7) Phenol-d5	6.74	99	183737	14.05	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	130960	16.15	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	167598	16.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	155474	14.37	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	80277	19.01	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	84239	17.67	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	158628	16.59	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	127998	8.80	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	560310	18.66	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	704668	18.52	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	35015m	7.16	ng/ul	0.02
60) Fluorene-d10	15.20	176	500279	19.62	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	26788	5.71	ng/ul	0.00
73) Anthracene-d10	17.04	188	721756	19.84	ng/ul	0.00
81) Pyrene-d10	19.34	212	690134	25.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	549971	18.79	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.77	94	14937	1.119	ng/ul#	73
32) 4-Chloroaniline	10.51	127	27936	1.864	ng/ul	95
36) 2-Methylnaphthalene	12.00	142	33882	1.373	ng/ul	94
37) 1-Methylnaphthalene	12.22	142	26759	1.094	ng/ul	99
47) Dimethylphthalate	13.67	163	34278	1.140	ng/ul#	95
72) Phenanthrene	16.99	178	97223	2.282	ng/ul#	91
80) Fluoranthene	19.01	202	219497	6.628	ng/ul	98
82) Pyrene	19.37	202	238445	6.842	ng/ul	97
83) Butylbenzylphthalate	20.28	149	26219	2.117	ng/ul#	71
85) Benzo(a)anthracene	21.12	228	82165	2.374	ng/ul#	86
86) Bis(2-ethylhexyl)phthalate	21.06	149	963153	45.104	ng/ul	99
87) Chrysene	21.17	228	97559	2.830	ng/ul#	90
90) Benzo(b)fluoranthene	22.65	252	107741	3.217	ng/ul#	44
91) Benzo(k)fluoranthene	22.69	252	36483m	1.036	ng/ul	
93) Benzo(a)pyrene	23.20	252	70995	2.334	ng/ul#	52
94) Indeno(1,2,3-cd)pyrene	25.44	276	45587	1.238	ng/ul#	91
96) Benzo(g,h,i)perylene	26.10	276	46684	1.565	ng/ul#	88

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

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