Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029933.D
Acq On : 11 May 2021 08:47
Operator : CG/JU
Sample : M2177-23
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG594

Manual Integrations APPROVED
mohammad
5/11/2021 2:34:02 PM

Quant Time: May 11 09:28:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	152884	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	683950	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	434412	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	867778	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	761368	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	680399	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3176	0.83	ng/uL	0.01
4) Pyridine-d5	3.58	84	8489m	0.89	ng/ul	0.09
7) Phenol-d5	6.75	99	66505	4.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	54315	6.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	61224	5.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	55817	4.75	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	25382m	5.39	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	26978	5.07	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	46500	4.36	ng/ul	0.01
31) 4-Chloroaniline-d4	10.48	131	35814	2.21	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	198857	5.91	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	245597	5.76	ng/ul	0.00
54) 4-Nitrophenol-d4	14.49	143	7194m	1.31	ng/ul	0.06
60) Fluorene-d10	15.20	176	196813	6.89	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	6898	1.22	ng/ul	0.01
73) Anthracene-d10	17.04	188	311977	7.14	ng/ul	0.00
81) Pyrene-d10	19.34	212	332317	8.51	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	259030	6.72	ng/ul	0.00
Target Compounds						Qvalue
37) 1-Methylnaphthalene	12.22	142	38490	1.410	ng/ul#	99
52) Acenaphthene	14.26	153	36040	1.236	ng/ul	95
61) Fluorene	15.25	166	43009	1.259	ng/ul#	83
72) Phenanthrene	16.99	178	447220	8.740	ng/ul	97
74) Anthracene	17.08	178	107663m	2.058	ng/ul	
80) Fluoranthene	19.01	202	481635	10.132	ng/ul	97
82) Pyrene	19.37	202	693041	13.854	ng/ul	96
85) Benzo(a)anthracene	21.12	228	266098	5.357	ng/ul#	89
86) Bis(2-ethylhexyl)phthalate	21.06	149	39328	1.283	ng/ul	93
87) Chrysene	21.17	228	283665	5.733	ng/ul#	95
90) Benzo(b)fluoranthene	22.65	252	198668	4.501	ng/ul#	79
91) Benzo(k)fluoranthene	22.69	252	54757m	1.180	ng/ul	
93) Benzo(a)pyrene	23.20	252	180711	4.508	ng/ul#	88
94) Indeno(1,2,3-cd)pyrene	25.43	276	82120	1.693	ng/ul	95
96) Benzo(g,h,i)perylene	26.10	276	80838	2.057	ng/ul#	89

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

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