Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029953.D
Acq On : 11 May 2021 21:25
Operator : CG/JU
Sample : M2177-01DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG514DL

Manual Integrations APPROVED
mohammad
5/12/2021 2:06:56 PM

Quant Time: May 12 08:42:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	135587	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	585220	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.19	164	376676	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	723850	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	660483	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	683071	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	2462	0.73	ng/uL	0.02
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.75	99	25493	2.02	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	17197	2.20	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	24221	2.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	18551	1.78	ng/ul	0.01
21) Nitrobenzene-d5	8.72	128	7584	1.88	ng/ul	0.01
24) 2-Nitrophenol-d4	9.43	143	9720	2.14	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	20490m	2.24	ng/ul	0.02
31) 4-Chloroaniline-d4	10.51	131	19237m	1.38	ng/ul	0.04
46) Dimethylphthalate-d6	13.62	166	92846	3.18	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	106725	2.88	ng/ul	0.00
54) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
60) Fluorene-d10	15.19	176	82882	3.34	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	4975m	1.06	ng/ul	0.00
73) Anthracene-d10	17.04	188	130744	3.59	ng/ul	0.00
81) Pyrene-d10	19.34	212	135802	4.01	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.14	264	127106	3.28	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.98	178	383820	8.993	ng/ul	99
74) Anthracene	17.07	178	76293	1.748	ng/ul	96
77) Carbazole	17.36	167	58939	1.474	ng/ul	98
80) Fluoranthene	19.00	202	847241	20.546	ng/ul	99
82) Pyrene	19.37	202	745389	17.176	ng/ul	98
85) Benzo(a)anthracene	21.12	228	410416	9.524	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	88957	3.345	ng/ul	99
87) Chrysene	21.16	228	408724	9.523	ng/ul	97
90) Benzo(b)fluoranthene	22.64	252	514622	11.615	ng/ul#	95
91) Benzo(k)fluoranthene	22.68	252	189224m	4.062	ng/ul	
93) Benzo(a)pyrene	23.19	252	369743	9.188	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.43	276	237127	4.869	ng/ul	96
95) Dibenzo(a,h)anthracene	25.43	278	65544	1.588	ng/ul#	76
96) Benzo(g,h,i)perylene	26.08	276	216479	5.486	ng/ul	97

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

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