Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029997.D
Acq On : 13 May 2021 00:37
Operator : CG/JU
Sample : M2232-07
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BG5A6

Manual Integrations APPROVED
Sohil
5/13/2021 10:31:29 AM

Quant Time: May 13 03:00:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 13 01:44:27 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	148883	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	665548	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	415393	20.00	ng/ul	-0.02
64) Phenanthrene-d10	16.93	188	738450	20.00	ng/ul	-0.01
79) Chrysene-d12	21.12	240	566144	20.00	ng/ul	-0.01
88) Perylene-d12	23.27	264	597304	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	11579	3.11	ng/uL	0.00
4) Pyridine-d5	3.49	84	97587m	10.46	ng/ul	0.01
7) Phenol-d5	6.73	99	233252	16.85	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	145860	16.99	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.07	132	195521	18.30	ng/ul	-0.01
15) 4-Methylphenol-d8	8.26	113	202719	17.70	ng/ul	-0.01
21) Nitrobenzene-d5	8.70	128	91282	19.90	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.41	143	97612	18.86	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.95	165	190823	18.38	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	204248	12.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.61	166	717838	22.29	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	864342	21.18	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.44	143	67483	12.87	ng/ul	0.01
60) Fluorene-d10	15.19	176	678067	24.81	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	66265	13.82	ng/ul	0.00
73) Anthracene-d10	17.03	188	1064428	28.62	ng/ul	-0.01
81) Pyrene-d10	19.33	212	1056189	36.37	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	975184	28.80	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	6.76	94	19433	1.375	ng/ul#	82
18) 4-Methylphenol	8.32	108	18680m	1.573	ng/ul	
47) Dimethylphthalate	13.66	163	67691	2.100	ng/ul	98
72) Phenanthrene	16.98	178	547403	12.572	ng/ul	100
74) Anthracene	17.07	178	66856	1.502	ng/ul	96
77) Carbazole	17.35	167	51072	1.252	ng/ul#	97
80) Fluoranthene	19.00	202	787113	22.269	ng/ul	97
82) Pyrene	19.36	202	653232	17.561	ng/ul	99
83) Butylbenzylphthalate	20.27	149	37246	2.818	ng/ul	97
85) Benzo(a)anthracene	21.11	228	234394	6.346	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.05	149	241949	10.615	ng/ul	99
87) Chrysene	21.16	228	291744	7.930	ng/ul	97
90) Benzo(b)fluoranthene	22.63	252	362259	9.350	ng/ul#	92
91) Benzo(k)fluoranthene	22.67	252	128150m	3.146	ng/ul	
93) Benzo(a)pyrene	23.18	252	222287	6.317	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	25.42	276	163067	3.829	ng/ul	96
95) Dibenzo(a,h)anthracene	25.43	278	39779	1.102	ng/ul#	75
96) Benzo(g,h,i)perylene	26.07	276	135451	3.925	ng/ul	98

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

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