Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029833.D
Acq On : 05 May 2021 18:57
Operator : CG/JU
Sample : M2192-02
Misc :
ALS Vial : 52 Sample Multiplier: 1

Quant Time: May 06 07:53:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : BG596

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	87935	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	360914	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	222548	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	458940	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	534216	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	622072	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3307m	1.39	ng/uL	0.00
4) Pyridine-d5	3.54	84	24645m	4.53	ng/ul	0.04
7) Phenol-d5	6.75	99	101390	13.28	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.91	67	75626	16.03	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	90096	14.81	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	75612	12.41	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	32932	12.28	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	32504	11.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	64659	11.81	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	92718	11.62	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	264459	15.91	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	362290	16.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.47	143	8707m	3.41	ng/ul	0.02
60) Fluorene-d10	15.21	176	272099	19.24	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	8781	2.85	ng/ul	0.00
73) Anthracene-d10	17.06	188	458250	20.19	ng/ul	0.00
81) Pyrene-d10	19.35	212	564959	20.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	697705	19.97	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.39	128	26418	1.331	ng/ul	99
36) 2-Methylnaphthalene	12.02	142	21158	1.563	ng/ul	99
37) 1-Methylnaphthalene	12.23	142	32521	2.409	ng/ul#	99
47) Dimethylphthalate	13.68	163	19878	1.199	ng/ul#	91
50) Acenaphthylene	13.93	152	41162	1.943	ng/ul#	97
52) Acenaphthene	14.27	153	51035	3.410	ng/ul	97
61) Fluorene	15.27	166	43759	2.593	ng/ul#	99
67) N-Nitrosodiphenylamine	15.49	169	25792	1.718	ng/ul	99
72) Phenanthrene	17.00	178	422041	15.500	ng/ul	99
74) Anthracene	17.09	178	143996	5.193	ng/ul	97
80) Fluoranthene	19.02	202	430389	12.937	ng/ul	97
82) Pyrene	19.38	202	586430	16.558	ng/ul	96
85) Benzo(a)anthracene	21.13	228	270677	7.802	ng/ul	93
87) Chrysene	21.18	228	278186	7.925	ng/ul	97
90) Benzo(b)fluoranthene	22.66	252	273316	6.718	ng/ul#	90
91) Benzo(k)fluoranthene	22.70	252	86657m	2.170	ng/ul	
93) Benzo(a)pyrene	23.21	252	249791	6.855	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	25.46	276	135766	2.807	ng/ul	96
95) Dibenzo(a,h)anthracene	25.47	278	41200m	1.019	ng/ul	
96) Benzo(g,h,i)perylene	26.13	276	133066	3.297	ng/ul	96

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

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