Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031020\
Data File : BP002173.D
Acq On : 11 Mar 2020 11:22
Operator : CG/JU
Sample : L1786-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AC3

Manual Integrations APPROVED
mohammad
3/13/2020 8:56:32 AM

Quant Time: Mar 12 01:39:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 12 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	275360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1166989	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	738101	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1565136	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1473000	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1730603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	10180	1.59	ng/uL	0.00
5) Phenol-d5	6.82	99	159272	7.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	106973	9.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	147568	8.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	130033	7.53	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	61504	6.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	59770	5.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	134107	6.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	168394	7.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	483565	8.66	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	510261	7.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	18854	1.77	ng/ul	0.02
58) Fluorene-d10	15.27	176	437413	9.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	24358	2.82	ng/ul	0.00
71) Anthracene-d10	17.12	188	644674	9.16	ng/ul	0.00
79) Pyrene-d10	19.37	212	726856	9.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	753704	8.51	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.46	128	127651	2.042	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	71709	1.633	ng/ul	95
45) Dimethylphthalate	13.73	163	77253	1.340	ng/ul	100
48) Acenaphthylene	13.99	152	205047	2.895	ng/ul	99
50) Acenaphthene	14.33	153	109475	2.299	ng/ul	97
54) Dibenzofuran	14.67	168	191672	2.849	ng/ul	98
59) Fluorene	15.32	166	289466	5.385	ng/ul	99
70) Phenanthrene	17.06	178	1522775	17.661	ng/ul	99
72) Anthracene	17.16	178	1511889	17.709	ng/ul	99
75) Carbazole	17.43	167	204106	2.839	ng/ul	99
77) Fluoranthene	19.05	202	2990889	30.069	ng/ul	99
80) Pyrene	19.40	202	2210653	22.043	ng/ul	99
83) Benzo(a)anthracene	21.10	228	1436094	14.410	ng/ul	96
85) Chrysene	21.15	228	1130834	11.894	ng/ul	97
88) Benzo(b)fluoranthene	22.67	252	1400012	12.900	ng/ul	97
89) Benzo(k)fluoranthene	22.70	252	543553m	5.117	ng/ul	
91) Benzo(a)pyrene	23.23	252	923813	9.376	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	525222	4.113	ng/ul	98
93) Dibenzo(a,h)anthracene	25.55	278	164278	1.556	ng/ul#	82
94) Benzo(g,h,i)perylene	26.22	276	326732	3.031	ng/ul	96

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

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