Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030420\
Data File : BP002047.D
Acq On : 04 Mar 2020 12:53
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ8DL

Manual Integrations APPROVED
mohammad
3/5/2020 3:55:03 PM

Quant Time: Mar 05 11:26:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 06:21:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	272551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1101248	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	678654	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1439023	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1284879	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1436498	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	17119	2.70	ng/uL	0.00
5) Phenol-d5	6.82	99	329984	15.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	198097	17.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	299977	16.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	263091	15.40	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	130280	15.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	138393	14.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	299516	16.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	234148	11.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	886085	17.25	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1083859	17.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	89696	9.14	ng/ul	0.00
58) Fluorene-d10	15.27	176	820451	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	70944	8.94	ng/ul	0.00
71) Anthracene-d10	17.12	188	1218616	18.84	ng/ul	0.00
79) Pyrene-d10	19.37	212	1384800	20.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1376104	18.72	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	74455	1.404	ng/ul	99
48) Acenaphthylene	13.99	152	166857	2.562	ng/ul	99
70) Phenanthrene	17.07	178	144931	1.828	ng/ul	99
72) Anthracene	17.16	178	694487	8.848	ng/ul	100
75) Carbazole	17.43	167	229284	3.469	ng/ul	99
77) Fluoranthene	19.05	202	1985549	21.711	ng/ul	100
80) Pyrene	19.40	202	2740305	31.324	ng/ul	100
83) Benzo(a)anthracene	21.11	228	1401077	16.118	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.06	149	93254	1.790	ng/ul	98
85) Chrysene	21.16	228	2237974	26.985	ng/ul	98
88) Benzo(b)fluoranthene	22.67	252	4373697	48.550	ng/ul	98
89) Benzo(k)fluoranthene	22.71	252	1273982m	14.447	ng/ul	
91) Benzo(a)pyrene	23.24	252	1478600	18.080	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.56	276	1755721	16.564	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.56	278	376291	4.294	ng/ul#	83
94) Benzo(g,h,i)perylene	26.24	276	1198127	13.391	ng/ul	98

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

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