Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002005.D
Acq On : 03 Mar 2020 00:22
Operator : CG/JU
Sample : L1616-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBDQ8

Manual Integrations APPROVED
mohammad
3/3/2020 3:03:44 PM

Quant Time: Mar 03 04:52:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 03:51:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	301656	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1219147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	747535	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1585207	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1243627	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	1443428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	36740	5.24	ng/uL	0.00
5) Phenol-d5	6.82	99	752945	32.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	421523	34.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	657881	33.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	595718	31.50	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	312888	33.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	351385	33.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	681522	33.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	560889	25.21	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1945512	34.39	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	2380685	35.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	278742	25.77	ng/ul	0.00
58) Fluorene-d10	15.27	176	1723760	35.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	219050	25.07	ng/ul	0.00
71) Anthracene-d10	17.13	188	2559860	35.93	ng/ul	0.00
79) Pyrene-d10	19.37	212	2742682	42.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2627362	35.58	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.85	94	29316	1.227	ng/ul	97
45) Dimethylphthalate	13.73	163	163373	2.798	ng/ul	100
48) Acenaphthylene	13.99	152	364324	5.078	ng/ul	99
70) Phenanthrene	17.07	178	305540	3.499	ng/ul	99
72) Anthracene	17.16	178	1584422	18.324	ng/ul	99
75) Carbazole	17.43	167	597833	8.211	ng/ul	99
77) Fluoranthene	19.05	202	3925154	38.962	ng/ul	99
80) Pyrene	19.40	202	5076564	59.955	ng/ul	100
83) Benzo(a)anthracene	21.11	228	2681632	31.872	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.06	149	207719	4.120	ng/ul	99
85) Chrysene	21.16	228	4275955	53.270	ng/ul	98
88) Benzo(b)fluoranthene	22.68	252	7889799	87.160	ng/ul	97
89) Benzo(k)fluoranthene	22.72	252	2321823m	26.204	ng/ul	
91) Benzo(a)pyrene	23.24	252	2810518	34.201	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	3513616	32.989	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	764387	8.680	ng/ul#	83
94) Benzo(g,h,i)perylene	26.25	276	2424159	26.963	ng/ul	98

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

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