Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004394.D
Acq On : 19 Dec 2020 15:04
Operator : CG/JU
Sample : L5134-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BFN58

Manual Integrations APPROVED
mohammad
12/21/2020 10:43:23 AM

Quant Time: Dec 21 04:52:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:36:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	248630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1023868	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	625501	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1322393	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1215309	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1393408	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	17295	2.89	ng/uL	0.00
5) Phenol-d5	6.99	99	331067	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	204277	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	281258	15.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	230185	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	145139	16.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	153788	15.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	286258	15.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	230293	11.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	853335	17.04	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1133863	18.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.67	143	78798	8.71	ng/ul	0.00
58) Fluorene-d10	15.47	176	763860	17.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	59826	7.01	ng/ul	0.00
71) Anthracene-d10	17.33	188	1138312	17.42	ng/ul	0.00
79) Pyrene-d10	19.57	212	1278129	19.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1381892	18.00	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	34722	1.599	ng/ul	96
28) Naphthalene	10.67	128	414267	7.202	ng/ul	100
34) 2-Methylnaphthalene	12.28	142	118066	2.976	ng/ul	98
41) 1,1'-Biphenyl	13.30	154	57794	1.131	ng/ul	97
45) Dimethylphthalate	13.92	163	80994	1.615	ng/ul	99
48) Acenaphthylene	14.19	152	709504	11.681	ng/ul	99
50) Acenaphthene	14.53	153	436073	10.247	ng/ul	98
54) Dibenzofuran	14.87	168	517373	8.634	ng/ul	99
59) Fluorene	15.52	166	474759	9.777	ng/ul	99
70) Phenanthrene	17.28	178	8922184	116.182	ng/ul	97
72) Anthracene	17.36	178	2156549	28.041	ng/ul	100
75) Carbazole	17.63	167	914801	14.387	ng/ul	99
77) Fluoranthene	19.26	202	12730326	146.139	ng/ul	100
80) Pyrene	19.61	202	11629757	140.523	ng/ul	99
83) Benzo(a)anthracene	21.32	228	6479835m	79.109	ng/ul	
85) Chrysene	21.37	228	6024041	76.173	ng/ul	95
88) Benzo(b)fluoranthene	22.98	252	8516312	93.705	ng/ul	98
89) Benzo(k)fluoranthene	23.02	252	2651470m	30.069	ng/ul	
91) Benzo(a)pyrene	23.59	252	6281166	74.927	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.12	276	4607707	43.501	ng/ul	95
93) Dibenzo(a,h)anthracene	26.12	278	1051856	11.924	ng/ul#	82
94) Benzo(g,h,i)perylene	26.86	276	3793131	42.686	ng/ul	98

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

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