Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
Data File : BP004303.D
Acq On : 15 Dec 2020 14:29
Operator : CG/JU
Sample : L5001-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A54D1

Manual Integrations APPROVED
mohammad
12/17/2020 9:52:40 AM

Quant Time: Dec 15 15:43:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 09:00:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	234233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1011902	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	631067	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1297908	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1156942	20.00	ng/ul	0.00
86) Perylene-d12	23.72	264	1467420m	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	14031	2.10	ng/uL	0.00
5) Phenol-d5	7.00	99	361855	18.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	190739	15.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	284341	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	285805	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	145375	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	152932	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	298226	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	245839	13.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	855998	17.75	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1148212	18.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	115592	14.19	ng/ul	0.00
58) Fluorene-d10	15.48	176	759120	17.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.61	200	23743	3.81	ng/ul	0.00
71) Anthracene-d10	17.35	188	1116108	17.64	ng/ul	0.00
79) Pyrene-d10	19.59	212	1225336	20.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	1376053m	17.80	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.02	94	62917	3.110	ng/ul	98
16) 4-Methylphenol	8.60	108	24494	1.568	ng/ul	95
28) Naphthalene	10.68	128	501958	8.750	ng/ul	99
34) 2-Methylnaphthalene	12.30	142	244427	6.333	ng/ul	98
41) 1,1'-Biphenyl	13.31	154	105501	1.994	ng/ul	99
45) Dimethylphthalate	13.93	163	133642	2.720	ng/ul	99
48) Acenaphthylene	14.20	152	661583	10.829	ng/ul	99
50) Acenaphthene	14.55	153	1226087	28.345	ng/ul	100
54) Dibenzofuran	14.88	168	1218216	19.988	ng/ul	99
59) Fluorene	15.54	166	1646759	33.782	ng/ul	99
70) Phenanthrene	17.29	178	16445727m	214.777	ng/ul	
72) Anthracene	17.38	178	5993381	79.114	ng/ul	98
75) Carbazole	17.65	167	2044611	33.166	ng/ul	99
77) Fluoranthene	19.26	202	18747729m	229.300	ng/ul	
80) Pyrene	19.62	202	18327478m	234.842	ng/ul	
83) Benzo(a)anthracene	21.33	228	12690377	166.407	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.25	149	1378140	39.509	ng/ul	99
85) Chrysene	21.39	228	11560211	154.521	ng/ul#	90
88) Benzo(b)fluoranthene	23.01	252	14867503m	159.764	ng/ul	
89) Benzo(k)fluoranthene	23.04	252	5218419m	54.602	ng/ul	
91) Benzo(a)pyrene	23.62	252	11398232m	131.257	ng/ul	
92) Indeno(1,2,3-cd)pyrene	26.17	276	7768285m	71.332	ng/ul	
93) Dibenzo(a,h)anthracene	26.17	278	2082872m	22.820	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.92	276	5751649m	62.952	ng/ul	

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

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