Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115326.D
Acq On : 29 Jun 2019 16:40
Operator : HP/JU
Sample : K3160-11 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-062819-C

Manual Integrations APPROVED
mohammad
7/1/2019 5:59:20 PM

Quant Time: Jun 30 03:09:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	258665	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	1023863	20.00	ng		0.00
39) Acenaphthene-d10	9.62	164	523610	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	1058378	20.00	ng		0.00
76) Chrysene-d12	13.72	240	708364	20.00	ng		0.00
87) Perylene-d12	15.10	264	475470	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	570956	34.06	ng		0.00
7) Phenol-d6	6.24	99	735300	36.14	ng		0.00
23) Nitrobenzene-d5	7.15	82	420840	25.28	ng		-0.01
42) 2,4,6-Tribromophenol	10.41	330	221726	40.16	ng		0.00
45) 2-Fluorobiphenyl	8.95	172	893443	28.98	ng		0.00
79) Terphenyl-d14	12.68	244	1019576	30.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	107	0.014	ng	#	55
3) Pyridine	2.80	79	112	0.005	ng	#	1
4) n-Nitrosodimethylamine	2.75	42	238	0.027	ng	#	1
6) Aniline	6.36	93	934	0.033	ng	#	1
9) Benzaldehyde	6.13	77	1055	0.079	ng	#	1
10) Phenol	6.24	94	4654	0.195	ng	#	14
11) bis(2-Chloroethyl)ether	6.36	93	934	0.053	ng	#	1
15) Benzyl Alcohol	6.75	79	8304	0.561	ng	#	45
16) 2,2'-oxybis(1-Chloropropan	7.15	45	252	0.010	ng	#	1
17) 2-Methylphenol	7.03	107	125	0.008	ng	#	1
18) Hexachloroethane	7.10	117	138	0.018	ng	#	1
19) n-Nitroso-di-n-propylamine	6.97	70	1809	0.139	ng	#	74
20) 3+4-Methylphenols	7.03	107	125	0.007	ng	#	1
22) Acetophenone	7.00	105	2554	0.109	ng	#	72
24) Nitrobenzene	7.16	77	2846	0.155	ng	#	24
27) 2,4-Dimethylphenol	7.54	122	112	0.008	ng	#	1
28) bis(2-Chloroethoxy)methane	7.66	93	114	0.005	ng	#	1
29) 2,4-Dichlorophenol	7.85	162	396	0.026	ng	#	18
31) Naphthalene	7.90	128	14027	0.279	ng		97
32) Benzoic acid	7.60	122	109	0.010	ng	#	73
33) 4-Chloroaniline	7.94	127	119	0.005	ng	#	1
35) Caprolactam	8.32	113	1199	0.233	ng	#	1
36) 4-Chloro-3-methylphenol	8.41	107	600	0.039	ng	#	5
37) 2-Methylnaphthalene	8.59	142	11739	0.346	ng		96
38) 1-Methylnaphthalene	8.69	142	11500	0.355	ng	#	98
46) 1,1'-Biphenyl	9.05	154	4399	0.105	ng		97
47) 2-Chloronaphthalene	9.25	162	1056	0.031	ng		92
48) 2-Nitroaniline	9.18	65	179	0.018	ng	#	57
49) Acenaphthylene	9.48	152	112081	2.117	ng		98
50) Dimethylphthalate	9.35	163	172224	4.471	ng		99
51) 2,6-Dinitrotoluene	9.35	165	2385	0.268	ng	#	21
52) Acenaphthene	9.66	154	14217	0.429	ng		98
53) 3-Nitroaniline	9.58	138	778	0.072	ng	#	41
55) Dibenzofuran	9.83	168	12874	0.271	ng	#	79

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 4-Nitrophenol	9.73	139	2014	0.231	ng	#	13
57) 2,4-Dinitrotoluene	9.94	165	2651	0.231	ng	#	61
60) Diethylphthalate	10.05	149	1138	0.029	ng	#	33
62) 4-Nitroaniline	10.08	138	860	0.079	ng		87
63) Azobenzene	10.32	77	1299	0.036	ng	#	1
66) n-Nitrosodiphenylamine	10.29	169	8910	0.270	ng	#	52
67) 4-Bromophenyl-phenylether	10.41	248	13495	1.176	ng	#	1
69) Atrazine	10.84	200	818	0.077	ng	#	1
71) Phenanthrene	11.12	178	394436	6.922	ng		97
72) Anthracene	11.17	178	125920	2.189	ng		98
73) Carbazole	11.32	167	18971	0.369	ng	#	89
74) Di-n-butylphthalate	11.68	149	2287	0.039	ng	#	28
75) Fluoranthene	12.31	202	1150112	20.229	ng		98
77) Benzidine	12.41	184	1697	0.054	ng	#	1
78) Pyrene	12.53	202	1202884	22.096	ng		99
80) Butylbenzylphthalate	13.17	149	1883	0.078	ng	#	12
81) Benzo(a)anthracene	13.71	228	639992	12.591	ng		93
82) 3,3'-Dichlorobenzidine	13.69	252	3186	0.174	ng	#	54
83) Chrysene	13.75	228	598435m	12.853	ng		
84) Bis(2-ethylhexyl)phthalate	13.74	149	4058	0.129	ng	#	40
85) Di-n-octyl phthalate	14.35	149	3379	0.064	ng	#	79
86) Indeno(1,2,3-cd)pyrene	16.38	276	234029	4.248	ng		95
88) Benzo(b)fluoranthene	14.72	252	540380m	18.214	ng		
89) Benzo(k)fluoranthene	14.74	252	188099m	7.070	ng		
90) Benzo(a)pyrene	15.04	252	367293	13.736	ng	#	93
91) Dibenzo(a,h)anthracene	16.38	278	62425	2.501	ng	#	60
92) Benzo(g,h,i)perylene	16.76	276	223710	8.854	ng		94

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

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