Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114382.D
Acq On : 18 May 2019 11:18
Operator : JU/SJ
Sample : PB119779BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119779BSD

Manual Integrations APPROVED
Sohil
5/21/2019 7:17:06 PM

Quant Time: May 20 04:54:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	219237	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	848571	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	402139	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	788608	20.00	ng		0.00
76) Chrysene-d12	14.00	240	611391	20.00	ng		0.00
87) Perylene-d12	15.46	264	377254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1536900	112.81	ng		0.01
7) Phenol-d6	6.49	99	1955599	121.37	ng		0.00
23) Nitrobenzene-d5	7.40	82	1111181	73.49	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	484385	116.51	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1952710	73.45	ng		0.00
79) Terphenyl-d14	12.93	244	2095737	70.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	275666	36.813	ng		99
3) Pyridine	3.43	79	645227	31.274	ng		97
4) n-Nitrosodimethylamine	3.39	42	340866	34.261	ng		94
6) Aniline	6.50	93	552934	23.756	ng	#	1
8) 2-Chlorophenol	6.63	128	615943	42.351	ng		97
9) Benzaldehyde	6.39	77	36441	3.231	ng		98
10) Phenol	6.50	94	723212	38.155	ng		91
11) bis(2-Chloroethyl)ether	6.57	93	604942	42.039	ng		100
12) 1,3-Dichlorobenzene	6.78	146	640005	39.203	ng		99
13) 1,4-Dichlorobenzene	6.85	146	645702	39.250	ng		98
14) 1,2-Dichlorobenzene	7.00	146	599655	39.898	ng		97
15) Benzyl Alcohol	6.98	79	500407	39.819	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1102930	39.529	ng		79
17) 2-Methylphenol	7.10	107	481541	40.306	ng		95
18) Hexachloroethane	7.35	117	244436	39.585	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	418640	40.990	ng		99
20) 3+4-Methylphenols	7.25	107	607013	43.976	ng	#	79
22) Acetophenone	7.25	105	805538	42.851	ng		93
24) Nitrobenzene	7.42	77	653203	42.415	ng		99
25) Isophorone	7.66	82	1195961	42.648	ng		100
26) 2-Nitrophenol	7.73	139	339364	45.420	ng		95
27) 2,4-Dimethylphenol	7.77	122	541134	46.113	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	755656	41.530	ng		99
29) 2,4-Dichlorophenol	7.98	162	505368	43.248	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	543984	40.939	ng		99
31) Naphthalene	8.14	128	1729542	43.633	ng		99
32) Benzoic acid	7.92	122	356243	43.368	ng		99
33) 4-Chloroaniline	8.19	127	481688	26.667	ng		99
34) Hexachlorobutadiene	8.25	225	302658	40.031	ng		99
35) Caprolactam	8.56	113	171748m	45.075	ng		
36) 4-Chloro-3-methylphenol	8.69	107	525044	44.638	ng		96
37) 2-Methylnaphthalene	8.83	142	1165802	45.585	ng		98
38) 1-Methylnaphthalene	8.93	142	1103515	45.820	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	521169	42.783	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	201982	37.991	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	328159	39.165	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	354675	41.275	ng	97
46) 1,1'-Biphenyl	9.29	154	1404929	43.245	ng	99
47) 2-Chloronaphthalene	9.32	162	1072287	41.012	ng	96
48) 2-Nitroaniline	9.42	65	372202	40.141	ng	98
49) Acenaphthylene	9.73	152	1697506	42.688	ng	99
50) Dimethylphthalate	9.59	163	1243643	42.128	ng	100
51) 2,6-Dinitrotoluene	9.66	165	278627	42.554	ng	96
52) Acenaphthene	9.90	154	995350	40.790	ng	98
53) 3-Nitroaniline	9.83	138	225635	27.760	ng	99
54) 2,4-Dinitrophenol	9.95	184	261803	79.558	ng	98
55) Dibenzofuran	10.07	168	1455435	40.675	ng	99
56) 4-Nitrophenol	10.01	139	353167	61.442	ng	97
57) 2,4-Dinitrotoluene	10.07	165	354470	39.886	ng	91
58) Fluorene	10.42	166	1176626	42.572	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289837	39.091	ng	99
60) Diethylphthalate	10.29	149	1241836	41.402	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	563245	41.493	ng	97
62) 4-Nitroaniline	10.45	138	312321	36.567	ng	97
63) Azobenzene	10.57	77	1214581	41.834	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	173777	45.859	ng	81
66) n-Nitrosodiphenylamine	10.53	169	1055173	44.086	ng	98
67) 4-Bromophenyl-phenylether	10.90	248	359411	41.393	ng	96
68) Hexachlorobenzene	10.97	284	385825	40.166	ng	96
69) Atrazine	11.05	200	292793	39.310	ng	97
70) Pentachlorophenol	11.17	266	305656	67.126	ng	100
71) Phenanthrene	11.38	178	1657324	43.197	ng	99
72) Anthracene	11.43	178	1712847	44.448	ng	99
73) Carbazole	11.59	167	1630185	44.362	ng	99
74) Di-n-butylphthalate	11.91	149	1968624	46.500	ng	100
75) Fluoranthene	12.57	202	1810966	43.832	ng	97
77) Benzidine	12.69	184	482734	17.590	ng	96
78) Pyrene	12.80	202	1850081	37.616	ng	99
80) Butylbenzylphthalate	13.40	149	873215	42.181	ng	97
81) Benzo(a)anthracene	13.99	228	1515440	38.322	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	486714	31.728	ng	100
83) Chrysene	14.03	228	1497793	38.638	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1207629	44.603	ng	100
85) Di-n-octyl phthalate	14.57	149	1952444	44.484	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1206131	35.206	ng	99
88) Benzo(b)fluoranthene	15.04	252	1418138	58.676	ng	100
89) Benzo(k)fluoranthene	15.07	252	1322733	59.578	ng	99
90) Benzo(a)pyrene	15.40	252	1259752	59.225	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	1021711	57.805	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1031384	58.227	ng	99

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

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