Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
Data File : BF114626.D
Acq On : 26 May 2019 2:48
Operator : JU/SJ
Sample : PB120038BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120038BSD

Manual Integrations APPROVED
mohammad
5/27/2019 3:50:41 AM

Quant Time: May 27 01:31:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	182965	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	716712	20.00	ng		-0.02
39) Acenaphthene-d10	9.84	164	334604	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	640365	20.00	ng		-0.01
76) Chrysene-d12	13.97	240	457569	20.00	ng		-0.02
87) Perylene-d12	15.43	264	450805	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1191927	104.84	ng		0.00
7) Phenol-d6	6.45	99	1479983	110.06	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1027780	80.48	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	345605	99.91	ng		-0.01
45) 2-Fluorobiphenyl	9.16	172	1776155	80.30	ng		-0.02
79) Terphenyl-d14	12.90	244	1765571	79.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	170550	27.291	ng		97
3) Pyridine	3.36	79	457781	26.587	ng		98
4) n-Nitrosodimethylamine	3.31	42	248454	29.923	ng		100
6) Aniline	6.47	93	451473	23.242	ng	#	41
8) 2-Chlorophenol	6.59	128	451748	37.219	ng		96
9) Benzaldehyde	6.36	77	219819	23.350	ng		98
10) Phenol	6.46	94	550589	34.806	ng		84
11) bis(2-Chloroethyl)ether	6.54	93	431709	35.948	ng		96
12) 1,3-Dichlorobenzene	6.74	146	469452	34.456	ng		99
13) 1,4-Dichlorobenzene	6.82	146	484955	35.323	ng		98
14) 1,2-Dichlorobenzene	6.97	146	439488	35.038	ng		98
15) Benzyl Alcohol	6.95	79	348346	33.214	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	759646	32.623	ng		54
17) 2-Methylphenol	7.07	107	351080	35.212	ng	#	90
18) Hexachloroethane	7.30	117	177664	34.475	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	300854	35.297	ng		99
20) 3+4-Methylphenols	7.22	107	462123	40.116	ng	#	74
22) Acetophenone	7.22	105	602606	37.953	ng	#	90
24) Nitrobenzene	7.39	77	467541	35.944	ng		98
25) Isophorone	7.62	82	840646	35.492	ng		98
26) 2-Nitrophenol	7.70	139	242900	38.490	ng		96
27) 2,4-Dimethylphenol	7.75	122	386606	39.006	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	533267	34.700	ng		99
29) 2,4-Dichlorophenol	7.96	162	368488	37.336	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	398390	35.498	ng		99
31) Naphthalene	8.10	128	1265811	37.809	ng		98
32) Benzoic acid	7.90	122	205821m	31.884	ng		
33) 4-Chloroaniline	8.16	127	300271	19.682	ng		98
34) Hexachlorobutadiene	8.22	225	220543	34.537	ng		98
35) Caprolactam	8.53	113	116269m	36.129	ng		
36) 4-Chloro-3-methylphenol	8.66	107	378501	38.100	ng		99
37) 2-Methylnaphthalene	8.80	142	835894	38.698	ng		98
38) 1-Methylnaphthalene	8.90	142	801034	39.379	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	383069	37.793	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	183255	41.034	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	229752	32.955	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	234727	32.830	ng		94
46) 1,1'-Biphenyl	9.26	154	1014270	37.522	ng		97
47) 2-Chloronaphthalene	9.29	162	778177	35.771	ng		99
48) 2-Nitroaniline	9.39	65	263094	34.101	ng		97
49) Acenaphthylene	9.70	152	1204680	36.409	ng		98
50) Dimethylphthalate	9.56	163	862499	35.114	ng		99
51) 2,6-Dinitrotoluene	9.63	165	196509	36.069	ng		87
52) Acenaphthene	9.87	154	720518	35.487	ng		98
53) 3-Nitroaniline	9.80	138	142236	21.032	ng		97
54) 2,4-Dinitrophenol	9.93	184	154711	58.458	ng		94
55) Dibenzofuran	10.05	168	1030908	34.626	ng		99
56) 4-Nitrophenol	9.99	139	186962	39.091	ng		97
57) 2,4-Dinitrotoluene	10.05	165	239485	32.386	ng	#	78
58) Fluorene	10.39	166	845139	36.750	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	196915	31.919	ng	#	100
60) Diethylphthalate	10.26	149	860894	34.494	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	402257	35.614	ng		97
62) 4-Nitroaniline	10.42	138	202663	28.518	ng		96
63) Azobenzene	10.54	77	832841	34.475	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	112199	36.463	ng		95
66) n-Nitrosodiphenylamine	10.50	169	739880	38.069	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	250901	35.585	ng		97
68) Hexachlorobenzene	10.95	284	268710	34.450	ng		93
69) Atrazine	11.02	200	216512	35.798	ng		98
70) Pentachlorophenol	11.15	266	157174	42.508	ng		99
71) Phenanthrene	11.35	178	1166539	37.444	ng		98
72) Anthracene	11.40	178	1221185	39.025	ng		99
73) Carbazole	11.56	167	1143175	38.310	ng		98
74) Di-n-butylphthalate	11.88	149	1307073	38.021	ng		99
75) Fluoranthene	12.54	202	1272680	37.934	ng		98
77) Benzidine	12.66	184	612647	29.828	ng		97
78) Pyrene	12.77	202	1279312	34.755	ng		99
80) Butylbenzylphthalate	13.37	149	568713	36.707	ng		97
81) Benzo(a)anthracene	13.96	228	1078093	36.428	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	311031	27.091	ng		99
83) Chrysene	14.00	228	1066310	36.754	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	772470	38.122	ng		97
85) Di-n-octyl phthalate	14.54	149	1275715	38.837	ng		98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1003630	39.143	ng		99
88) Benzo(b)fluoranthene	15.01	252	1064121	36.845	ng		98
89) Benzo(k)fluoranthene	15.03	252	982160	37.020	ng		99
90) Benzo(a)pyrene	15.37	252	978354	38.491	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	842427	39.886	ng		98
92) Benzo(g,h,i)perylene	17.33	276	879918	41.571	ng		99

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

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