Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
Data File : BF117640.D
Acq On : 31 Oct 2019 2:41
Operator : JU
Sample : PB124409BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB124409BS

Manual Integrations APPROVED
mohammad
10/31/2019 3:11:11 PM

Quant Time: Oct 31 08:05:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 18:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	35623	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	134686	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	62485	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	88093	20.00	ng		0.00
76) Chrysene-d12	13.90	240	67991	20.00	ng		0.00
87) Perylene-d12	15.33	264	61549	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	180667	75.45	ng		0.01
7) Phenol-d6	6.39	99	247423	76.93	ng		0.00
23) Nitrobenzene-d5	7.30	82	216842	79.48	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	37593	69.53	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	364475	82.19	ng		0.00
79) Terphenyl-d14	12.83	244	292358	70.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	29295	29.099	ng	#	93
3) Pyridine	3.15	79	76063m	30.864	ng		
4) n-Nitrosodimethylamine	3.09	42	31511	35.244	ng		94
6) Aniline	6.40	93	93463	24.754	ng	#	45
8) 2-Chlorophenol	6.53	128	95672	37.864	ng		95
9) Benzaldehyde	6.28	77	54360	33.289	ng		99
10) Phenol	6.40	94	118800	36.192	ng	#	81
11) bis(2-Chloroethyl)ether	6.46	93	91570	37.716	ng		98
12) 1,3-Dichlorobenzene	6.67	146	99754	35.378	ng		97
13) 1,4-Dichlorobenzene	6.75	146	102433	35.811	ng		98
14) 1,2-Dichlorobenzene	6.90	146	97467	36.149	ng		96
15) Benzyl Alcohol	6.89	79	84982	36.985	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	92409	35.282	ng	#	48
17) 2-Methylphenol	7.01	107	78712	37.869	ng		97
18) Hexachloroethane	7.23	117	28986	25.963	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	72167	36.743	ng		96
20) 3+4-Methylphenols	7.17	107	103028	37.806	ng	#	61
22) Acetophenone	7.15	105	141886	39.673	ng	#	92
24) Nitrobenzene	7.32	77	104945	40.162	ng		99
25) Isophorone	7.56	82	191193	40.511	ng		99
26) 2-Nitrophenol	7.63	139	37191	31.912	ng		95
27) 2,4-Dimethylphenol	7.68	122	84213	48.351	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	112897	38.766	ng		97
29) 2,4-Dichlorophenol	7.89	162	74024	40.520	ng		99
30) 1,2,4-Trichlorobenzene	7.96	180	75365	38.443	ng		99
31) Naphthalene	8.03	128	272836	40.868	ng		99
32) Benzoic acid	7.83	122	31657	26.536	ng		98
33) 4-Chloroaniline	8.10	127	54283	19.267	ng	#	94
34) Hexachlorobutadiene	8.15	225	39857	35.125	ng		99
35) Caprolactam	8.47	113	23729	40.434	ng		95
36) 4-Chloro-3-methylphenol	8.59	107	81990	39.353	ng		96
37) 2-Methylnaphthalene	8.72	142	182706	40.615	ng		98
38) 1-Methylnaphthalene	8.82	142	167285	39.575	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	66934	39.772	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	286	11.133 ng	#	26
43) 2,4,6-Trichlorophenol	9.02	196	44048	41.794 ng		95
44) 2,4,5-Trichlorophenol	9.07	196	45710	42.801 ng		93
46) 1,1'-Biphenyl	9.19	154	206747	39.967 ng		99
47) 2-Chloronaphthalene	9.22	162	156400	40.100 ng		96
48) 2-Nitroaniline	9.32	65	56493	44.122 ng		91
49) Acenaphthylene	9.63	152	241578	42.168 ng		100
50) Dimethylphthalate	9.49	163	182847	41.048 ng		99
51) 2,6-Dinitrotoluene	9.56	165	35064	37.722 ng	#	86
52) Acenaphthene	9.80	154	142016	40.405 ng		98
53) 3-Nitroaniline	9.73	138	36658	32.503 ng		96
54) 2,4-Dinitrophenol	9.90	184	246	5.108 ng	#	36
55) Dibenzofuran	9.97	168	211454	41.524 ng		96
56) 4-Nitrophenol	9.97	139	123643	229.993 ng	#	14
57) 2,4-Dinitrotoluene	9.98	165	43119	34.890 ng	#	81
58) Fluorene	10.31	166	169092	40.154 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	29206	34.795 ng	#	98
60) Diethylphthalate	10.18	149	180596	40.083 ng		97
61) 4-Chlorophenyl-phenylether	10.30	204	72955	38.614 ng		98
62) 4-Nitroaniline	10.35	138	39251	36.923 ng		97
63) Azobenzene	10.46	77	183110	39.700 ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	1179	2.632 ng	#	60
66) n-Nitrosodiphenylamine	10.42	169	145851	45.288 ng		97
67) 4-Bromophenyl-phenylether	10.79	248	38981	41.082 ng	#	88
68) Hexachlorobenzene	10.87	284	40076	39.438 ng		97
69) Atrazine	10.95	200	40097	48.936 ng		97
70) Pentachlorophenol	11.08	266	16312	53.547 ng		94
71) Phenanthrene	11.27	178	210675	41.186 ng		99
72) Anthracene	11.33	178	224800	42.831 ng		98
73) Carbazole	11.49	167	203678	42.464 ng		99
74) Di-n-butylphthalate	11.80	149	259178	40.440 ng		98
75) Fluoranthene	12.47	202	212737	41.544 ng		99
77) Benzidine	12.59	184	176171	Below Cal		99
78) Pyrene	12.70	202	222627	38.121 ng		99
80) Butylbenzylphthalate	13.30	149	103323	35.553 ng		92
81) Benzo(a)anthracene	13.89	228	194618	42.435 ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	68082	47.307 ng		97
83) Chrysene	13.93	228	191151	42.527 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	144100	35.397 ng	#	97
85) Di-n-octyl phthalate	14.47	149	262613	41.957 ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	116387	34.682 ng		98
88) Benzo(b)fluoranthene	14.93	252	163206	44.904 ng		98
89) Benzo(k)fluoranthene	14.95	252	151324	40.622 ng		99
90) Benzo(a)pyrene	15.28	252	135100	40.883 ng		98
91) Dibenzo(a,h)anthracene	16.75	278	101019	35.354 ng		98
92) Benzo(g,h,i)perylene	17.19	276	92777	34.317 ng		98

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

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