Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
Data File : BF119716.D
Acq On : 3 Apr 2020 13:53
Operator : MA/SJ
Sample : PB127964BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127964BS

Manual Integrations APPROVED
mohammad
4/6/2020 1:38:44 PM

Quant Time: Apr 03 14:26:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	222645	20.00	ng		-0.01
21) Naphthalene-d8	8.09	136	863369	20.00	ng		-0.01
39) Acenaphthene-d10	9.85	164	445902	20.00	ng		-0.01
64) Phenanthrene-d10	11.33	188	854107	20.00	ng		-0.02
76) Chrysene-d12	13.98	240	645738	20.00	ng		-0.02
87) Perylene-d12	15.43	264	644690	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1546490	110.57	ng		0.01
7) Phenol-d6	6.44	99	1996331	111.74	ng		0.00
23) Nitrobenzene-d5	7.37	82	1208681	76.08	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	583110	126.76	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	2248851	74.72	ng		-0.01
79) Terphenyl-d14	12.93	244	2627231	79.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	211386	30.602	ng		97
3) Pyridine	3.36	79	591620	31.089	ng		94
4) n-Nitrosodimethylamine	3.31	42	312386	33.662	ng		92
6) Aniline	6.46	93	694431	28.162	ng		99
8) 2-Chlorophenol	6.59	128	635988	43.296	ng		100
9) Benzaldehyde	6.35	77	332155	29.307	ng		99
10) Phenol	6.45	94	809001	42.437	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	596535	39.125	ng		99
12) 1,3-Dichlorobenzene	6.75	146	628042	39.504	ng		97
13) 1,4-Dichlorobenzene	6.82	146	639481	40.213	ng		99
14) 1,2-Dichlorobenzene	6.97	146	593535	39.931	ng		99
15) Benzyl Alcohol	6.95	79	515954	38.391	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1032509	33.573	ng		98
17) 2-Methylphenol	7.06	107	513210	38.132	ng		98
18) Hexachloroethane	7.32	117	238899	40.994	ng		92
19) n-Nitroso-di-n-propylamine	7.22	70	416014	38.631	ng		98
20) 3+4-Methylphenols	7.22	107	622510	37.741	ng	#	78
22) Acetophenone	7.22	105	806258	39.082	ng	#	92
24) Nitrobenzene	7.39	77	649272	38.244	ng		99
25) Isophorone	7.63	82	1168761	36.269	ng		99
26) 2-Nitrophenol	7.70	139	334826	50.089	ng		93
27) 2,4-Dimethylphenol	7.75	122	540100	39.075	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	735784	38.612	ng		99
29) 2,4-Dichlorophenol	7.95	162	515228	40.569	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	548211	39.032	ng		97
31) Naphthalene	8.12	128	1769825	39.834	ng		98
32) Benzoic acid	7.87	122	435211	48.949	ng		92
33) 4-Chloroaniline	8.16	127	395072	19.406	ng		99
34) Hexachlorobutadiene	8.23	225	309875	39.432	ng		99
35) Caprolactam	8.53	113	167447m	40.286	ng		
36) 4-Chloro-3-methylphenol	8.65	107	557391	40.156	ng		98
37) 2-Methylnaphthalene	8.80	142	1194240	40.956	ng		98
38) 1-Methylnaphthalene	8.90	142	1122451	40.669	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	510019	39.023	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	625685	84.207	ng		100
43) 2,4,6-Trichlorophenol	9.09	196	378646	40.484	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	413586	39.474	ng		99
46) 1,1'-Biphenyl	9.27	154	1404729	38.680	ng		98
47) 2-Chloronaphthalene	9.30	162	1096211	38.535	ng		98
48) 2-Nitroaniline	9.39	65	399746	40.712	ng		93
49) Acenaphthylene	9.71	152	1746535	39.097	ng		99
50) Dimethylphthalate	9.57	163	1274943	40.254	ng		99
51) 2,6-Dinitrotoluene	9.63	165	294950	43.446	ng		96
52) Acenaphthene	9.89	154	1230853	44.197	ng		99
53) 3-Nitroaniline	9.80	138	205634	23.992	ng		99
54) 2,4-Dinitrophenol	9.91	184	350801	115.836	ng		95
55) Dibenzofuran	10.06	168	1566124	39.223	ng		99
56) 4-Nitrophenol	9.97	139	540850	79.993	ng		93
57) 2,4-Dinitrotoluene	10.04	165	400578	46.840	ng		92
58) Fluorene	10.40	166	1212348	41.059	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	339516	43.351	ng		98
60) Diethylphthalate	10.27	149	1310577	40.770	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	571037	39.548	ng		98
62) 4-Nitroaniline	10.42	138	327894	39.896	ng		93
63) Azobenzene	10.55	77	1255645	38.789	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	227138	63.420	ng		90
66) n-Nitrosodiphenylamine	10.51	169	1127331	40.206	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	379977	39.063	ng		98
68) Hexachlorobenzene	10.95	284	418430	42.030	ng	#	89
69) Atrazine	11.04	200	344724	44.846	ng		99
70) Pentachlorophenol	11.15	266	482387	82.636	ng		96
71) Phenanthrene	11.36	178	1778702	40.162	ng		100
72) Anthracene	11.42	178	1849287	41.085	ng		99
73) Carbazole	11.57	167	1720504	38.617	ng		99
74) Di-n-butylphthalate	11.90	149	2051298	43.041	ng		99
75) Fluoranthene	12.55	202	1983492	41.383	ng		100
77) Benzidine	12.67	184	1053045	38.534	ng		99
78) Pyrene	12.78	202	2009895	37.926	ng		99
80) Butylbenzylphthalate	13.40	149	878500	40.986	ng		97
81) Benzo(a)anthracene	13.97	228	1616651	38.500	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	415476	25.094	ng		99
83) Chrysene	14.01	228	1666135	38.446	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1115609	43.662	ng		99
85) Di-n-octyl phthalate	14.57	149	2030025	45.175	ng		97
86) Indeno(1,2,3-cd)pyrene	16.88	276	1622023	39.741	ng		99
88) Benzo(b)fluoranthene	15.02	252	1781703	41.372	ng		99
89) Benzo(k)fluoranthene	15.04	252	1583279	38.610	ng		100
90) Benzo(a)pyrene	15.37	252	1528708	39.060	ng		98
91) Dibenzo(a,h)anthracene	16.90	278	1340751	39.167	ng		99
92) Benzo(g,h,i)perylene	17.32	276	1315390	38.249	ng		96

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

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