Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119443.D
Acq On : 19 Mar 2020 17:29
Operator : CG/JU
Sample : PB127678BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127678BS

Manual Integrations APPROVED
mohammad
3/20/2020 11:47:20 AM

Quant Time: Mar 19 19:12:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	399152	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1567416	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	816383	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1512369	20.00	ng		0.00
76) Chrysene-d12	14.03	240	850732	20.00	ng		0.00
87) Perylene-d12	15.49	264	651639	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2671319	106.54	ng		0.01
7) Phenol-d6	6.48	99	3453657	107.83	ng		0.00
23) Nitrobenzene-d5	7.42	82	1891334	65.58	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	923872	109.69	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3507625	63.65	ng		0.00
79) Terphenyl-d14	12.97	244	3462666	79.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	419145	33.846	ng		100
3) Pyridine	3.42	79	998713	29.273	ng		97
4) n-Nitrosodimethylamine	3.37	42	633981	38.106	ng		99
6) Aniline	6.52	93	1284816	29.064	ng		98
8) 2-Chlorophenol	6.64	128	1102908	41.880	ng		99
9) Benzaldehyde	6.40	77	419945	20.668	ng		98
10) Phenol	6.49	94	1443617	42.240	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	1117096	40.868	ng		96
12) 1,3-Dichlorobenzene	6.79	146	1142602	40.088	ng		99
13) 1,4-Dichlorobenzene	6.87	146	1152516	40.426	ng		99
14) 1,2-Dichlorobenzene	7.02	146	1083062	40.644	ng		99
15) Benzyl Alcohol	6.99	79	987331	40.979	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2132774	38.683	ng		98
17) 2-Methylphenol	7.10	107	945639	39.192	ng		99
18) Hexachloroethane	7.37	117	444084	42.505	ng		96
19) n-Nitroso-di-n-propylamine	7.27	70	793286	41.090	ng		99
20) 3+4-Methylphenols	7.26	107	1130617	38.235	ng	#	86
22) Acetophenone	7.26	105	1483442	39.608	ng		96
24) Nitrobenzene	7.43	77	1178979	38.252	ng		99
25) Isophorone	7.68	82	2252795	38.507	ng		97
26) 2-Nitrophenol	7.75	139	568859	46.875	ng		98
27) 2,4-Dimethylphenol	7.79	122	1065372	42.456	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	1400033	40.469	ng		98
29) 2,4-Dichlorophenol	7.99	162	942024	40.857	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	1004621	39.399	ng		99
31) Naphthalene	8.16	128	3144327	38.982	ng		99
32) Benzoic acid	7.92	122	566836	35.117	ng		94
33) 4-Chloroaniline	8.20	127	840047	22.728	ng		97
34) Hexachlorobutadiene	8.28	225	564200	39.547	ng		99
35) Caprolactam	8.58	113	320077m	42.417	ng		
36) 4-Chloro-3-methylphenol	8.69	107	1004165	39.848	ng		98
37) 2-Methylnaphthalene	8.85	142	2134308	40.318	ng		98
38) 1-Methylnaphthalene	8.95	142	2028844	40.491	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	898459	37.547	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	970476	71.338	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	702358	41.016	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	696062	36.286	ng	97
46) 1,1'-Biphenyl	9.32	154	2531401	38.072	ng	99
47) 2-Chloronaphthalene	9.35	162	1977650	37.971	ng	98
48) 2-Nitroaniline	9.43	65	709520	39.468	ng	99
49) Acenaphthylene	9.76	152	3082770	37.692	ng	99
50) Dimethylphthalate	9.62	163	2264364	39.049	ng	99
51) 2,6-Dinitrotoluene	9.68	165	498727	40.125	ng	91
52) Acenaphthene	9.93	154	2025879	39.732	ng	99
53) 3-Nitroaniline	9.85	138	411136	26.201	ng	99
54) 2,4-Dinitrophenol	9.95	184	360610	68.227	ng	94
55) Dibenzofuran	10.10	168	2788074	38.139	ng	98
56) 4-Nitrophenol	10.01	139	954208	77.084	ng	95
57) 2,4-Dinitrotoluene	10.09	165	638934	40.806	ng	98
58) Fluorene	10.45	166	2034781	37.640	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	590356	41.172	ng	99
60) Diethylphthalate	10.32	149	2331490	39.615	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	995730	37.666	ng	100
62) 4-Nitroaniline	10.47	138	525624	34.931	ng	96
63) Azobenzene	10.60	77	2260243	38.137	ng	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	270841	42.707	ng	97
66) n-Nitrosodiphenylamine	10.56	169	1946799	39.211	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	668437	38.809	ng	93
68) Hexachlorobenzene	11.00	284	711036	40.335	ng	94
69) Atrazine	11.09	200	599517	44.046	ng	99
70) Pentachlorophenol	11.19	266	761056	73.628	ng	99
71) Phenanthrene	11.41	178	2983799	38.049	ng	99
72) Anthracene	11.46	178	3032339	38.046	ng	99
73) Carbazole	11.62	167	2821947	35.771	ng	98
74) Di-n-butylphthalate	11.95	149	3388549	40.153	ng	97
75) Fluoranthene	12.60	202	3143041	37.034	ng	99
77) Benzidine	12.72	184	572104	15.890	ng	98
78) Pyrene	12.83	202	3145374	45.051	ng	99
80) Butylbenzylphthalate	13.45	149	1320571	46.765	ng	99
81) Benzo(a)anthracene	14.02	228	2212562	39.994	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	728723	33.408	ng	99
83) Chrysene	14.06	228	2279868	39.932	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1645752	48.889	ng	100
85) Di-n-octyl phthalate	14.63	149	2592048	43.782	ng	99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2135079	39.706	ng	99
88) Benzo(b)fluoranthene	15.07	252	1910654	43.893	ng	98
89) Benzo(k)fluoranthene	15.10	252	1785421	43.075	ng	99
90) Benzo(a)pyrene	15.43	252	1650283	41.717	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	1745368	50.443	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1909643	54.936	ng	99

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

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