Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF120017.D
Acq On : 16 Apr 2020 2:52
Operator : MA/SJ
Sample : PB128243BS
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128243BS

Manual Integrations APPROVED
mohammad
4/16/2020 12:53:07 PM

Quant Time: Apr 16 05:23:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162339	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	634473	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	332396	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	650608	20.00	ng		0.00
76) Chrysene-d12	13.90	240	449472	20.00	ng		0.00
87) Perylene-d12	15.31	264	377250	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	905464	96.39	ng		0.01
7) Phenol-d6	6.36	99	1157575	95.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	1028857	83.89	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	327189	80.40	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2052758	87.68	ng		0.00
79) Terphenyl-d14	12.84	244	2244126	84.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	166393	39.770	ng		95
3) Pyridine	3.16	79	458123	39.909	ng		98
4) n-Nitrosodimethylamine	3.12	42	264123	45.033	ng		95
6) Aniline	6.39	93	563743	35.485	ng		99
8) 2-Chlorophenol	6.51	128	535247	50.997	ng		99
9) Benzaldehyde	6.27	77	236562	34.223	ng		98
10) Phenol	6.37	94	673273	49.029	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	508099	47.921	ng		99
12) 1,3-Dichlorobenzene	6.66	146	538963	46.904	ng		99
13) 1,4-Dichlorobenzene	6.75	146	540748	46.198	ng		96
14) 1,2-Dichlorobenzene	6.90	146	511929	47.457	ng		97
15) Benzyl Alcohol	6.87	79	425552	45.265	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	889522	43.113	ng		97
17) 2-Methylphenol	6.99	107	431977	46.119	ng		99
18) Hexachloroethane	7.24	117	207886	47.522	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	365248	46.926	ng		96
20) 3+4-Methylphenols	7.14	107	530769	46.333	ng		94
22) Acetophenone	7.14	105	705956	47.516	ng	#	99
24) Nitrobenzene	7.31	77	555555	45.030	ng		98
25) Isophorone	7.55	82	1036049	43.823	ng		98
26) 2-Nitrophenol	7.63	139	287041	46.569	ng		98
27) 2,4-Dimethylphenol	7.67	122	452746	48.703	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	649259	46.670	ng		99
29) 2,4-Dichlorophenol	7.87	162	448411	47.059	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	477931	44.266	ng		99
31) Naphthalene	8.03	128	1523716	45.646	ng		99
32) Benzoic acid	7.80	122	245992	30.130	ng		97
33) 4-Chloroaniline	8.08	127	327059	22.506	ng		99
34) Hexachlorobutadiene	8.15	225	275500	42.627	ng		98
35) Caprolactam	8.46	113	134787m	46.242	ng		
36) 4-Chloro-3-methylphenol	8.57	107	488059	47.309	ng		96
37) 2-Methylnaphthalene	8.73	142	1050554	46.420	ng		99
38) 1-Methylnaphthalene	8.83	142	987388	46.288	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	457950	43.621	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	526389	88.175	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	331927	45.785	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	344260	42.161	ng		93
46) 1,1'-Biphenyl	9.19	154	1260310	44.921	ng		99
47) 2-Chloronaphthalene	9.22	162	975268	45.124	ng		98
48) 2-Nitroaniline	9.32	65	354166	45.219	ng		97
49) Acenaphthylene	9.63	152	1541248	46.890	ng		99
50) Dimethylphthalate	9.50	163	1157795	45.032	ng		98
51) 2,6-Dinitrotoluene	9.56	165	262753	46.669	ng		99
52) Acenaphthene	9.80	154	993615m	45.317	ng		
53) 3-Nitroaniline	9.73	138	177311	27.575	ng		92
54) 2,4-Dinitrophenol	9.83	184	128599	38.151	ng		96
55) Dibenzofuran	9.97	168	1387178	46.104	ng		98
56) 4-Nitrophenol	9.90	139	402237	84.073	ng		96
57) 2,4-Dinitrotoluene	9.96	165	345985	46.643	ng		94
58) Fluorene	10.32	166	1091235	45.350	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	282206	45.190	ng		99
60) Diethylphthalate	10.20	149	1204755	45.212	ng		98
61) 4-Chlorophenyl-phenylether	10.31	204	524920	42.562	ng		95
62) 4-Nitroaniline	10.35	138	267336	43.625	ng		99
63) Azobenzene	10.47	77	1127759	47.225	ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	127630	29.777	ng		96
66) n-Nitrosodiphenylamine	10.43	169	1000878	46.257	ng		99
67) 4-Bromophenyl-phenylether	10.80	248	330332	40.827	ng		97
68) Hexachlorobenzene	10.87	284	352807	42.984	ng		95
69) Atrazine	10.97	200	310117	51.513	ng		98
70) Pentachlorophenol	11.06	266	327041	69.141	ng		99
71) Phenanthrene	11.28	178	1556303	44.946	ng		98
72) Anthracene	11.33	178	1626399	45.979	ng		100
73) Carbazole	11.49	167	1480698	44.265	ng		99
74) Di-n-butylphthalate	11.83	149	1918698	43.632	ng		99
75) Fluoranthene	12.47	202	1699981	45.501	ng		99
77) Benzidine	12.59	184	769456	50.644	ng		96
78) Pyrene	12.70	202	1708548	45.091	ng		100
80) Butylbenzylphthalate	13.32	149	803050	43.677	ng		99
81) Benzo(a)anthracene	13.89	228	1322666	44.731	ng		100
82) 3,3'-Dichlorobenzidine	13.85	252	308478	27.960	ng		94
83) Chrysene	13.92	228	1366960	45.497	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1038909	41.726	ng		100
85) Di-n-octyl phthalate	14.49	149	1801953	42.505	ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1098401	41.474	ng		97
88) Benzo(b)fluoranthene	14.91	252	1172068	43.188	ng	#	98
89) Benzo(k)fluoranthene	14.94	252	1187555	50.717	ng		99
90) Benzo(a)pyrene	15.26	252	1046865	45.879	ng		98
91) Dibenzo(a,h)anthracene	16.72	278	920298	45.532	ng		97
92) Benzo(g,h,i)perylene	17.12	276	889674	44.592	ng		96

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

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