Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119990.D
Acq On : 15 Apr 2020 13:39
Operator : MA/SJ
Sample : PB128205BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB128205BS

Manual Integrations APPROVED
mohammad
4/16/2020 12:52:45 PM

Quant Time: Apr 15 14:24:24 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	173709	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	693228	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	359739	20.00	ng		0.00
64) Phenanthrene-d10	11.26	188	696363	20.00	ng		0.00
76) Chrysene-d12	13.90	240	489622	20.00	ng		0.00
87) Perylene-d12	15.32	264	427393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1314114	130.74	ng		0.01
7) Phenol-d6	6.37	99	1643525	126.89	ng		0.00
23) Nitrobenzene-d5	7.29	82	1027449	76.68	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	459073	104.23	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2026751	79.99	ng		0.00
79) Terphenyl-d14	12.84	244	2231740	76.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	184848	41.289	ng		94
3) Pyridine	3.15	79	493146	40.148	ng		97
4) n-Nitrosodimethylamine	3.10	42	257873	41.089	ng		90
6) Aniline	6.39	93	562308	33.078	ng		94
8) 2-Chlorophenol	6.51	128	533617	47.514	ng		99
9) Benzaldehyde	6.27	77	235559	30.569	ng		98
10) Phenol	6.38	94	666772	45.378	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	501044	44.163	ng		100
12) 1,3-Dichlorobenzene	6.66	146	538627	43.807	ng		97
13) 1,4-Dichlorobenzene	6.75	146	537668	42.928	ng		98
14) 1,2-Dichlorobenzene	6.90	146	507089	43.931	ng		96
15) Benzyl Alcohol	6.87	79	428303	42.576	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	878284	39.782	ng		98
17) 2-Methylphenol	6.99	107	429215	42.825	ng		98
18) Hexachloroethane	7.24	117	204232	43.631	ng		94
19) n-Nitroso-di-n-propylamine	7.15	70	357251	42.894	ng		98
20) 3+4-Methylphenols	7.14	107	517997	42.258	ng		92
22) Acetophenone	7.14	105	689048	42.447	ng	#	99
24) Nitrobenzene	7.31	77	545711	40.483	ng		99
25) Isophorone	7.55	82	1015673	39.320	ng		98
26) 2-Nitrophenol	7.63	139	286145	42.489	ng		95
27) 2,4-Dimethylphenol	7.67	122	436235	42.949	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	645154	42.444	ng		99
29) 2,4-Dichlorophenol	7.87	162	435022	41.784	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	469809	39.826	ng		99
31) Naphthalene	8.03	128	1498582	41.088	ng		99
32) Benzoic acid	7.80	122	348676	39.088	ng		95
33) 4-Chloroaniline	8.08	127	288679	18.181	ng		99
34) Hexachlorobutadiene	8.15	225	270165	38.259	ng		98
35) Caprolactam	8.46	113	137326m	43.120	ng		
36) 4-Chloro-3-methylphenol	8.57	107	478355	42.438	ng		97
37) 2-Methylnaphthalene	8.73	142	1019829	41.243	ng		98
38) 1-Methylnaphthalene	8.83	142	973079	41.751	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	446600	39.306	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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	543349	84.098	ng	98
43) 2,4,6-Trichlorophenol	9.00	196	322704	41.130	ng	98
44) 2,4,5-Trichlorophenol	9.05	196	353504	40.003	ng	99
46) 1,1'-Biphenyl	9.19	154	1242812	40.930	ng	99
47) 2-Chloronaphthalene	9.22	162	967570	41.365	ng	98
48) 2-Nitroaniline	9.32	65	339381	40.038	ng	95
49) Acenaphthylene	9.63	152	1509949	42.446	ng	99
50) Dimethylphthalate	9.50	163	1134881	40.786	ng	100
51) 2,6-Dinitrotoluene	9.56	165	253101	41.538	ng	94
52) Acenaphthene	9.80	154	916112	38.606	ng	100
53) 3-Nitroaniline	9.72	138	162084	23.291	ng	98
54) 2,4-Dinitrophenol	9.84	184	303236	83.123	ng	94
55) Dibenzofuran	9.97	168	1349213	41.434	ng	99
56) 4-Nitrophenol	9.90	139	413314	79.822	ng	96
57) 2,4-Dinitrotoluene	9.96	165	335855	41.836	ng	95
58) Fluorene	10.32	166	1053386	40.449	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	293752	43.463	ng	98
60) Diethylphthalate	10.20	149	1155148	40.055	ng	98
61) 4-Chlorophenyl-phenylether	10.31	204	516970	38.731	ng	96
62) 4-Nitroaniline	10.35	138	268295	40.454	ng	96
63) Azobenzene	10.47	77	1106945	42.830	ng	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	201908	44.011	ng	99
66) n-Nitrosodiphenylamine	10.43	169	970253	41.895	ng	98
67) 4-Bromophenyl-phenylether	10.80	248	320181	36.972	ng	97
68) Hexachlorobenzene	10.87	284	344606	39.226	ng	94
69) Atrazine	10.96	200	294064	45.637	ng	94
70) Pentachlorophenol	11.06	266	377066	74.479	ng	99
71) Phenanthrene	11.28	178	1534313	41.399	ng	98
72) Anthracene	11.33	178	1563750	41.303	ng	100
73) Carbazole	11.49	167	1460085	40.781	ng	99
74) Di-n-butylphthalate	11.83	149	1862776	39.577	ng	99
75) Fluoranthene	12.47	202	1675442	41.898	ng	99
77) Benzidine	12.59	184	741126	44.779	ng	97
78) Pyrene	12.70	202	1669478	40.447	ng	99
80) Butylbenzylphthalate	13.32	149	783039	39.096	ng	99
81) Benzo(a)anthracene	13.89	228	1328412	41.242	ng	100
82) 3,3'-Dichlorobenzidine	13.85	252	314485	26.167	ng	97
83) Chrysene	13.92	228	1361093	41.587	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	1022197	37.688	ng	99
85) Di-n-octyl phthalate	14.50	149	1779079	38.524	ng	98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1084520	37.592	ng	97
88) Benzo(b)fluoranthene	14.91	252	1294096m	42.090	ng	
89) Benzo(k)fluoranthene	14.94	252	1128308	42.533	ng	99
90) Benzo(a)pyrene	15.26	252	1069446	41.370	ng	99
91) Dibenzo(a,h)anthracene	16.72	278	923437	40.327	ng	96
92) Benzo(g,h,i)perylene	17.12	276	878118	38.849	ng	96

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

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