Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
Data File : BF119769.D
Acq On : 6 Apr 2020 14:04
Operator : MA/SJ
Sample : PB128003BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128003BSD

Manual Integrations APPROVED
mohammad
4/8/2020 8:12:20 AM

Quant Time: Apr 06 14:39:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 06 11:15:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	162733	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	610202	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	309360	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	587921	20.00	ng		0.00
76) Chrysene-d12	13.96	240	406388	20.00	ng		0.00
87) Perylene-d12	15.40	264	455329	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1508082	147.53	ng		0.02
7) Phenol-d6	6.42	99	1913194	146.51	ng		0.00
23) Nitrobenzene-d5	7.35	82	1174201	104.58	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	547596	171.58	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2198098	105.26	ng		0.00
79) Terphenyl-d14	12.90	244	2441316	117.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	196547	38.929	ng		99
3) Pyridine	3.27	79	562397	40.433	ng		96
4) n-Nitrosodimethylamine	3.22	42	312566	46.081	ng		97
6) Aniline	6.45	93	669584	37.152	ng		96
8) 2-Chlorophenol	6.57	128	619522	57.702	ng		99
9) Benzaldehyde	6.33	77	287531	34.709	ng		99
10) Phenol	6.43	94	766750	55.028	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	573984	51.506	ng		98
12) 1,3-Dichlorobenzene	6.72	146	624984	53.784	ng		97
13) 1,4-Dichlorobenzene	6.80	146	629287	54.141	ng		97
14) 1,2-Dichlorobenzene	6.96	146	587623	54.088	ng		98
15) Benzyl Alcohol	6.93	79	496599	50.555	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1022083	45.470	ng		99
17) 2-Methylphenol	7.04	107	495664	50.387	ng		97
18) Hexachloroethane	7.30	117	235601	55.312	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	405136	51.472	ng		98
20) 3+4-Methylphenols	7.19	107	598259	49.624	ng	#	83
22) Acetophenone	7.20	105	789309	54.134	ng	#	91
24) Nitrobenzene	7.37	77	628845	52.408	ng		98
25) Isophorone	7.61	82	1126824	49.475	ng		99
26) 2-Nitrophenol	7.69	139	327225	69.262	ng		90
27) 2,4-Dimethylphenol	7.73	122	513230	52.537	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	715665	53.138	ng		99
29) 2,4-Dichlorophenol	7.93	162	498410	55.526	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	543256	54.727	ng		98
31) Naphthalene	8.09	128	1727602	55.016	ng		99
32) Benzoic acid	7.86	122	414685	65.991	ng		92
33) 4-Chloroaniline	8.14	127	370744	25.766	ng		98
34) Hexachlorobutadiene	8.21	225	305814	55.061	ng		99
35) Caprolactam	8.51	113	157714m	53.687	ng		
36) 4-Chloro-3-methylphenol	8.63	107	544969	55.550	ng		96
37) 2-Methylnaphthalene	8.79	142	1141062	55.368	ng		99
38) 1-Methylnaphthalene	8.89	142	1083649	55.553	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	497393	54.854	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	625136	121.267 ng	100
43) 2,4,6-Trichlorophenol	9.06	196	366453	56.473 ng	97
44) 2,4,5-Trichlorophenol	9.10	196	400176	55.051 ng	97
46) 1,1'-Biphenyl	9.25	154	1359287	53.949 ng	100
47) 2-Chloronaphthalene	9.27	162	1075618	54.500 ng	99
48) 2-Nitroaniline	9.37	65	382035	56.081 ng	98
49) Acenaphthylene	9.69	152	1686245	54.407 ng	98
50) Dimethylphthalate	9.56	163	1225037	55.749 ng	100
51) 2,6-Dinitrotoluene	9.62	165	282011	59.875 ng	99
52) Acenaphthene	9.86	154	1027029	53.155 ng	100
53) 3-Nitroaniline	9.78	138	198915	33.452 ng	97
54) 2,4-Dinitrophenol	9.89	184	342287	159.954 ng	96
55) Dibenzofuran	10.04	168	1505692	54.353 ng	99
56) 4-Nitrophenol	9.95	139	509950	108.712 ng	96
57) 2,4-Dinitrotoluene	10.02	165	378729	63.831 ng	90
58) Fluorene	10.38	166	1159202	56.587 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	332626	61.217 ng	99
60) Diethylphthalate	10.26	149	1245740	55.857 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	559360	55.837 ng	97
62) 4-Nitroaniline	10.40	138	310571	54.466 ng	94
63) Azobenzene	10.53	77	1192172	53.083 ng	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	217553	88.246 ng	88
66) n-Nitrosodiphenylamine	10.49	169	1066916	55.279 ng	99
67) 4-Bromophenyl-phenylether	10.86	248	364398	54.423 ng	95
68) Hexachlorobenzene	10.93	284	397455	57.998 ng	96
69) Atrazine	11.02	200	318536	60.201 ng	99
70) Pentachlorophenol	11.12	266	457374	113.825 ng	98
71) Phenanthrene	11.34	178	1686952	55.337 ng	99
72) Anthracene	11.39	178	1747814	56.411 ng	99
73) Carbazole	11.54	167	1636265	53.355 ng	99
74) Di-n-butylphthalate	11.88	149	1914593	58.361 ng	100
75) Fluoranthene	12.53	202	1840018	55.771 ng	99
77) Benzidine	12.65	184	865521	50.326 ng	99
78) Pyrene	12.76	202	1857735	55.701 ng	99
80) Butylbenzylphthalate	13.38	149	799461	59.266 ng	96
81) Benzo(a)anthracene	13.95	228	1423230	53.856 ng	99
82) 3,3'-Dichlorobenzidine	13.91	252	422641	40.561 ng	99
83) Chrysene	13.99	228	1473953	54.043 ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	982839	61.120 ng	98
85) Di-n-octyl phthalate	14.56	149	1834534	64.869 ng	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1906442	74.220 ng	99
88) Benzo(b)fluoranthene	14.99	252	1725017	56.714 ng	97
89) Benzo(k)fluoranthene	15.02	252	1421589	49.084 ng	99
90) Benzo(a)pyrene	15.34	252	1495064	54.088 ng	98
91) Dibenzo(a,h)anthracene	16.86	278	1560135	64.529 ng	99
92) Benzo(g,h,i)perylene	17.27	276	1501775	61.829 ng	98

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

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