Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122764.D
Acq On : 17 Dec 2020 15:00
Operator : JU/CG
Sample : PB133592BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133592BSD

Manual Integrations APPROVED
mohammad
12/18/2020 10:26:45 AM

Quant Time: Dec 17 16:03:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	162634	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	612389	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	328109	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	613909	20.00	ng	0.00
76) Chrysene-d12	13.992	240	522732	20.00	ng	0.00
86) Perylene-d12	15.445	264	514850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1102740	107.35	ng	0.02
7) Phenol-d6	6.463	99	1420386	104.25	ng	0.00
23) Nitrobenzene-d5	7.386	82	801009	65.53	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	458768	106.82	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1543936	63.65	ng	0.00
79) Terphenyl-d14	12.933	244	1799164	60.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	195557	40.50	ng	98
3) Pyridine	3.404	79	538148	42.17	ng	98
4) n-Nitrosodimethylamine	3.369	42	211925	41.41	ng	96
6) Aniline	6.487	93	471440	29.40	ng	99
8) 2-Chlorophenol	6.610	128	492079	43.46	ng	96
9) Benzaldehyde	6.363	77	98671	11.97	ng	98
10) Phenol	6.475	94	595034	42.15	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	465774	43.19	ng	99
12) 1,3-Dichlorobenzene	6.763	146	544968	40.68	ng	99
13) 1,4-Dichlorobenzene	6.839	146	552210	40.88	ng	99
14) 1,2-Dichlorobenzene	6.992	146	508181	38.97	ng	99
15) Benzyl Alcohol	6.969	79	388563	41.42	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	580746	37.76	ng	97
17) 2-Methylphenol	7.081	107	417231	46.36	ng	98
18) Hexachloroethane	7.334	117	194564	40.41	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	319395	40.93	ng	99
20) 3+4-Methylphenols	7.234	107	483804	42.55	ng	98
22) Acetophenone	7.234	105	636346	41.79	ng	97
24) Nitrobenzene	7.404	77	513265	42.21	ng	100
25) Isophorone	7.645	82	918416	43.63	ng	99
26) 2-Nitrophenol	7.722	139	278519	46.97	ng	92
27) 2,4-Dimethylphenol	7.763	122	435533	50.11	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	593071	41.14	ng	99
29) 2,4-Dichlorophenol	7.969	162	436546	43.01	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	467861	40.68	ng	100
31) Naphthalene	8.128	128	1421953	42.08	ng	100
32) Benzoic acid	7.904	122	301247	43.50	ng	97
33) 4-Chloroaniline	8.175	127	360190	25.50	ng	98
34) Hexachlorobutadiene	8.245	225	269538	38.08	ng	100
35) Caprolactam	8.551	113	134310m	43.93	ng	
36) 4-Chloro-3-methylphenol	8.663	107	454466	45.45	ng	97
37) 2-Methylnaphthalene	8.822	142	971906	43.48	ng	98
38) 1-Methylnaphthalene	8.916	142	888642	42.02	ng	100
40) 1,2,4,5-Tetrachloroben...	8.986	216	451014	41.50	ng	100
41) Hexachlorocyclopentadiene	8.975	237	412915	85.93	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	303654	40.46	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	331152	42.68	ng		100
46) 1,1'-Biphenyl	9.286	154	1146433	42.10	ng		98
47) 2-Chloronaphthalene	9.310	162	910014	40.33	ng		98
48) 2-Nitroaniline	9.404	65	265955	40.43	ng		94
49) Acenaphthylene	9.727	152	1416480	42.51	ng		99
50) Dimethylphthalate	9.586	163	1096651	41.85	ng		99
51) 2,6-Dinitrotoluene	9.651	165	249393	45.06	ng		96
52) Acenaphthene	9.898	154	995445m	46.17	ng		
53) 3-Nitroaniline	9.816	138	171640	26.84	ng		97
54) 2,4-Dinitrophenol	9.933	184	254217	93.95	ng	#	88
55) Dibenzofuran	10.069	168	1263039	41.65	ng		99
56) 4-Nitrophenol	9.992	139	369780	81.09	ng		96
57) 2,4-Dinitrotoluene	10.057	165	329594	44.71	ng		96
58) Fluorene	10.410	166	972881	40.33	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	293340	43.03	ng		98
60) Diethylphthalate	10.286	149	1043228	40.93	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	467354	39.35	ng		96
62) 4-Nitroaniline	10.433	138	255450	39.35	ng		97
63) Azobenzene	10.563	77	954787	40.75	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	187413	50.06	ng		93
66) n-Nitrosodiphenylamine	10.522	169	904889	41.72	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	330761	39.76	ng		94
68) Hexachlorobenzene	10.963	284	363879	39.57	ng		96
69) Atrazine	11.051	200	258139	36.64	ng		98
70) Pentachlorophenol	11.157	266	399049	81.90	ng		99
71) Phenanthrene	11.374	178	1470747	40.31	ng		100
72) Anthracene	11.427	178	1523948	42.12	ng		99
73) Carbazole	11.580	167	1366063	41.63	ng		100
74) Di-n-butylphthalate	11.910	149	1614115	39.15	ng		99
75) Fluoranthene	12.563	202	1572884	41.11	ng		100
77) Benzidine	12.680	184	579524	51.25	ng		99
78) Pyrene	12.792	202	1606310	39.74	ng		100
80) Butylbenzylphthalate	13.404	149	697020	38.29	ng		99
81) Benzo(a)anthracene	13.980	228	1424895	40.79	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	414411	33.12	ng		98
83) Chrysene	14.021	228	1422309	40.91	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	930225	37.31	ng	#	99
85) Di-n-octyl phthalate	14.580	149	1625203	39.30	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1454130	43.03	ng		100
88) Benzo(b)fluoranthene	15.027	252	1485680	41.13	ng		100
89) Benzo(k)fluoranthene	15.062	252	1465875	44.38	ng		98
90) Benzo(a)pyrene	15.392	252	1327580	42.01	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	1193098	43.13	ng		99
92) Benzo(g,h,i)perylene	17.339	276	1188596	44.40	ng		99

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

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