Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
Data File : BF122761.D
Acq On : 17 Dec 2020 13:26
Operator : JU/CG
Sample : PB133642BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133642BSD

Manual Integrations APPROVED
mohammad
12/18/2020 10:26:36 AM

Quant Time: Dec 17 14:07:07 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	6.822	152	164634	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	624821	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	331960	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	615619	20.00	ng		0.00
76) Chrysene-d12	13.992	240	519438	20.00	ng		0.00
86) Perylene-d12	15.445	264	530658	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1111232	106.86	ng		0.02
7) Phenol-d6	6.463	99	1434079	103.98	ng		0.00
23) Nitrobenzene-d5	7.387	82	822703	65.97	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	463860	106.75	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1577891	64.29	ng		0.00
79) Terphenyl-d14	12.933	244	1805741	60.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	199391	40.79	ng		97
3) Pyridine	3.410	79	548761	42.48	ng		99
4) n-Nitrosodimethylamine	3.375	42	219148	42.30	ng		99
6) Aniline	6.487	93	475572	29.29	ng		99
8) 2-Chlorophenol	6.610	128	503990	43.97	ng		96
9) Benzaldehyde	6.369	77	99017	11.86	ng		95
10) Phenol	6.475	94	596550	41.74	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	474737	43.48	ng		99
12) 1,3-Dichlorobenzene	6.763	146	560119	41.30	ng		99
13) 1,4-Dichlorobenzene	6.840	146	562203	41.11	ng		100
14) 1,2-Dichlorobenzene	6.993	146	519887	39.38	ng		100
15) Benzyl Alcohol	6.969	79	401755	42.31	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	590399	37.92	ng		96
17) 2-Methylphenol	7.081	107	418273	45.91	ng		98
18) Hexachloroethane	7.334	117	200642	41.17	ng		97
19) n-Nitroso-di-n-propyla...	7.240	70	327656	41.47	ng		100
20) 3+4-Methylphenols	7.234	107	483146	41.98	ng		96
22) Acetophenone	7.234	105	646099	41.59	ng	#	96
24) Nitrobenzene	7.404	77	520089	41.92	ng		99
25) Isophorone	7.645	82	939172	43.72	ng		99
26) 2-Nitrophenol	7.722	139	282387	46.67	ng		93
27) 2,4-Dimethylphenol	7.763	122	439616	49.57	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	597311	40.61	ng		99
29) 2,4-Dichlorophenol	7.969	162	440592	42.54	ng		98
30) 1,2,4-Trichlorobenzene	8.045	180	472765	40.29	ng		99
31) Naphthalene	8.128	128	1458580	42.30	ng		100
32) Benzoic acid	7.904	122	305281	43.20	ng		96
33) 4-Chloroaniline	8.175	127	355857	24.69	ng		99
34) Hexachlorobutadiene	8.245	225	280373	38.82	ng		99
35) Caprolactam	8.557	113	132231m	42.39	ng		
36) 4-Chloro-3-methylphenol	8.669	107	455537	44.65	ng		99
37) 2-Methylnaphthalene	8.822	142	981601	43.04	ng		97
38) 1-Methylnaphthalene	8.916	142	907010	42.04	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	453602	41.25	ng		99
41) Hexachlorocyclopentadiene	8.975	237	427942	88.03	ng		97
43) 2,4,6-Trichlorophenol	9.098	196	306061	40.30	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	331966	42.29	ng		100
46) 1,1'-Biphenyl	9.287	154	1170170	42.47	ng		97
47) 2-Chloronaphthalene	9.310	162	918078	40.22	ng		99
48) 2-Nitroaniline	9.404	65	265059	39.83	ng		92
49) Acenaphthylene	9.728	152	1419539	42.10	ng		99
50) Dimethylphthalate	9.586	163	1100469	41.51	ng		99
51) 2,6-Dinitrotoluene	9.651	165	249552	44.57	ng		96
52) Acenaphthene	9.898	154	993843m	45.56	ng		
53) 3-Nitroaniline	9.816	138	172185	26.61	ng		95
54) 2,4-Dinitrophenol	9.934	184	267998	97.90	ng	#	90
55) Dibenzofuran	10.069	168	1285300	41.89	ng		99
56) 4-Nitrophenol	9.992	139	378409	82.02	ng		95
57) 2,4-Dinitrotoluene	10.057	165	331707	44.47	ng		96
58) Fluorene	10.410	166	983339	40.29	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	288316	41.81	ng		100
60) Diethylphthalate	10.286	149	1054469	40.89	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	478363	39.81	ng		95
62) 4-Nitroaniline	10.434	138	253039	38.53	ng		96
63) Azobenzene	10.563	77	975402	41.15	ng		97
65) 4,6-Dinitro-2-methylph...	10.469	198	190922	50.86	ng		94
66) n-Nitrosodiphenylamine	10.522	169	909371	41.81	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	332150	39.82	ng		94
68) Hexachlorobenzene	10.963	284	370976	40.23	ng		94
69) Atrazine	11.051	200	258752	36.63	ng		99
70) Pentachlorophenol	11.157	266	397963	81.45	ng		99
71) Phenanthrene	11.375	178	1471206	40.21	ng		99
72) Anthracene	11.428	178	1528902	42.14	ng		99
73) Carbazole	11.580	167	1379032	41.91	ng		100
74) Di-n-butylphthalate	11.910	149	1614977	39.06	ng		99
75) Fluoranthene	12.563	202	1578149	41.13	ng		99
77) Benzidine	12.680	184	603863	53.75	ng		99
78) Pyrene	12.792	202	1594467	39.70	ng		99
80) Butylbenzylphthalate	13.410	149	704397	38.94	ng		94
81) Benzo(a)anthracene	13.980	228	1424688	41.04	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	407825	32.80	ng	#	96
83) Chrysene	14.022	228	1425544	41.26	ng		99
84) Bis(2-ethylhexyl)phtha...	13.969	149	946375	38.20	ng		98
85) Di-n-octyl phthalate	14.580	149	1628747	39.64	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1477232	42.41	ng		100
88) Benzo(b)fluoranthene	15.027	252	1636506	43.95	ng		99
89) Benzo(k)fluoranthene	15.063	252	1330414	39.08	ng		98
90) Benzo(a)pyrene	15.392	252	1353150	41.54	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	1218435	42.74	ng		100
92) Benzo(g,h,i)perylene	17.345	276	1227402	44.48	ng		99

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

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