Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111820\
Data File : BF122363.D
Acq On : 18 Nov 2020 12:31
Operator : JU/CG
Sample : PB133056BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133056BS

Manual Integrations APPROVED
mohammad
11/20/2020 11:28:32 AM

Quant Time: Nov 18 12:58:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	333795	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1276754	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	702552	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1290445	20.00	ng		0.00
76) Chrysene-d12	14.033	240	1086593	20.00	ng		0.00
86) Perylene-d12	15.504	264	861090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	2065155	95.00	ng		0.02
7) Phenol-d6	6.498	99	2714608	95.46	ng		0.00
23) Nitrobenzene-d5	7.434	82	1533597	73.54	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	823926	109.27	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2790411	62.06	ng		0.00
79) Terphenyl-d14	12.980	244	3228480	62.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	356627	35.77	ng		91
3) Pyridine	3.493	79	992773	36.21	ng		91
4) n-Nitrosodimethylamine	3.451	42	455642	35.25	ng		91
6) Aniline	6.528	93	1010291	27.08	ng		96
8) 2-Chlorophenol	6.657	128	919247	40.78	ng		89
9) Benzaldehyde	6.410	77	264927	13.91	ng		99
10) Phenol	6.510	94	1167755	41.70	ng		79
11) bis(2-Chloroethyl)ether	6.604	93	872696	39.21	ng		95
12) 1,3-Dichlorobenzene	6.810	146	998473	39.01	ng		97
13) 1,4-Dichlorobenzene	6.887	146	1009741	39.27	ng		97
14) 1,2-Dichlorobenzene	7.039	146	946222	39.44	ng		99
15) Benzyl Alcohol	7.010	79	811779	40.15	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1240849	38.25	ng		97
17) 2-Methylphenol	7.116	107	776697	41.28	ng		99
18) Hexachloroethane	7.381	117	356638	39.83	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	647343	38.09	ng		92
20) 3+4-Methylphenols	7.269	107	935455	40.40	ng	#	77
22) Acetophenone	7.281	105	1211228	36.42	ng	#	84
24) Nitrobenzene	7.451	77	985234	41.29	ng		94
25) Isophorone	7.692	82	1748749	37.61	ng		97
26) 2-Nitrophenol	7.769	139	482089	46.75	ng		94
27) 2,4-Dimethylphenol	7.804	122	881163	40.18	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	1098627	38.63	ng		99
29) 2,4-Dichlorophenol	8.004	162	817283	42.09	ng		97
30) 1,2,4-Trichlorobenzene	8.092	180	844115	39.39	ng		96
31) Naphthalene	8.175	128	2607123	38.41	ng		98
32) Benzoic acid	7.928	122	521698	43.81	ng		97
33) 4-Chloroaniline	8.216	127	630662	21.33	ng		98
34) Hexachlorobutadiene	8.292	225	491427	39.90	ng		99
35) Caprolactam	8.592	113	255359m	41.49	ng		
36) 4-Chloro-3-methylphenol	8.704	107	838899	41.43	ng		93
37) 2-Methylnaphthalene	8.869	142	1763596	39.33	ng		99
38) 1-Methylnaphthalene	8.969	142	1644914	39.19	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	803384	37.11	ng		99
41) Hexachlorocyclopentadiene	9.022	237	866350	68.44	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	596926	42.46	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	607607	41.22	ng		99
46) 1,1'-Biphenyl	9.333	154	2069943	37.01	ng		98
47) 2-Chloronaphthalene	9.357	162	1657559	37.35	ng		98
48) 2-Nitroaniline	9.451	65	523558	40.50	ng	#	83
49) Acenaphthylene	9.775	152	2554823	37.45	ng		98
50) Dimethylphthalate	9.633	163	1932342	38.69	ng		99
51) 2,6-Dinitrotoluene	9.692	165	456447	41.62	ng	#	85
52) Acenaphthene	9.945	154	1778894	42.13	ng		100
53) 3-Nitroaniline	9.857	138	336921	28.20	ng		96
54) 2,4-Dinitrophenol	9.969	184	425001	86.46	ng		95
55) Dibenzofuran	10.116	168	2338786	37.80	ng		99
56) 4-Nitrophenol	10.022	139	797318	73.66	ng		98
57) 2,4-Dinitrotoluene	10.098	165	614904	44.31	ng	#	83
58) Fluorene	10.463	166	1778996	37.55	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	546417	44.58	ng		96
60) Diethylphthalate	10.333	149	1852132	37.81	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	860430	38.48	ng		99
62) 4-Nitroaniline	10.475	138	481297	39.51	ng		98
63) Azobenzene	10.610	77	1849436	35.99	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	293263	51.37	ng		94
66) n-Nitrosodiphenylamine	10.569	169	1657437	37.70	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	598914	39.50	ng		99
68) Hexachlorobenzene	11.010	284	662312	40.42	ng	#	92
69) Atrazine	11.098	200	468837	42.82	ng		96
70) Pentachlorophenol	11.198	266	798597	84.60	ng		99
71) Phenanthrene	11.422	178	2685237	36.68	ng		97
72) Anthracene	11.474	178	2744504	36.37	ng		99
73) Carbazole	11.622	167	2534097	36.91	ng		98
74) Di-n-butylphthalate	11.957	149	2706109	36.98	ng		99
75) Fluoranthene	12.610	202	2849395	37.28	ng		97
77) Benzidine	12.727	184	884668	29.35	ng		100
78) Pyrene	12.839	202	2884615	37.79	ng		97
80) Butylbenzylphthalate	13.457	149	1217200	40.33	ng		93
81) Benzo(a)anthracene	14.027	228	2533955	37.50	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	739552	29.37	ng		100
83) Chrysene	14.063	228	2572497	37.79	ng		96
84) Bis(2-ethylhexyl)phtha...	14.015	149	1483052	40.29	ng		96
85) Di-n-octyl phthalate	14.627	149	2645820	42.41	ng		98
87) Indeno(1,2,3-cd)pyrene	16.974	276	2238863	43.33	ng		100
88) Benzo(b)fluoranthene	15.080	252	2670962	47.89	ng		99
89) Benzo(k)fluoranthene	15.110	252	2296270	42.23	ng		99
90) Benzo(a)pyrene	15.445	252	2162748	44.48	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	1849678	42.74	ng		98
92) Benzo(g,h,i)perylene	17.415	276	1834737	43.59	ng		99

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

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