Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012921\
Data File : BF123076.D
Acq On : 29 Jan 2021 11:52
Operator : JU/CG
Sample : PB134400BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 29 12:34:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB134400BS

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:31 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	281691	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1131455	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	616284	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	1158541	20.00	ng	#	0.00
76) Chrysene-d12	14.086	240	957924	20.00	ng		0.00
86) Perylene-d12	15.568	264	894722	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1936120	106.02	ng		0.02
7) Phenol-d6	6.522	99	2482932	100.31	ng		0.00
23) Nitrobenzene-d5	7.457	82	1628816	72.45	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	810758	121.19	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2930348	70.68	ng		0.00
79) Terphenyl-d14	13.027	244	3319393	68.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	280554	30.88	ng		94
3) Pyridine	3.516	79	811884	33.41	ng		94
4) n-Nitrosodimethylamine	3.469	42	392596	38.40	ng		93
6) Aniline	6.557	93	738719	24.25	ng		99
8) 2-Chlorophenol	6.681	128	850085	42.95	ng		99
9) Benzaldehyde	6.439	77	522524	46.17	ng		96
10) Phenol	6.534	94	992693	40.44	ng		91
11) bis(2-Chloroethyl)ether	6.628	93	806550	39.48	ng		98
12) 1,3-Dichlorobenzene	6.834	146	868109	37.61	ng		96
13) 1,4-Dichlorobenzene	6.910	146	878536	36.54	ng		98
14) 1,2-Dichlorobenzene	7.063	146	855555	38.04	ng		99
15) Benzyl Alcohol	7.034	79	693234	39.95	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1171257	37.18	ng		98
17) 2-Methylphenol	7.145	107	687994	40.85	ng		99
18) Hexachloroethane	7.410	117	323997	38.48	ng		96
19) n-Nitroso-di-n-propyla...	7.310	70	574592	38.60	ng		95
20) 3+4-Methylphenols	7.298	107	820948	41.38	ng		94
22) Acetophenone	7.304	105	1080632	36.65	ng	#	99
24) Nitrobenzene	7.475	77	889658	38.41	ng		97
25) Isophorone	7.716	82	1646957	39.99	ng		100
26) 2-Nitrophenol	7.792	139	439143	45.85	ng		98
27) 2,4-Dimethylphenol	7.828	122	779766	45.11	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	1036278	36.88	ng		99
29) 2,4-Dichlorophenol	8.033	162	724604	40.09	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	755819	37.12	ng		98
31) Naphthalene	8.204	128	2328345	37.52	ng		100
32) Benzoic acid	7.957	122	571729	41.78	ng		100
33) 4-Chloroaniline	8.245	127	377369	13.70	ng		99
34) Hexachlorobutadiene	8.322	225	435463	37.02	ng		99
35) Caprolactam	8.622	113	251078m	41.10	ng		
36) 4-Chloro-3-methylphenol	8.728	107	794581	42.28	ng		97
37) 2-Methylnaphthalene	8.892	142	1591704	38.63	ng		98
38) 1-Methylnaphthalene	8.992	142	1492516	38.26	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	705685	36.81	ng		99
41) Hexachlorocyclopentadiene	9.051	237	851089	93.52	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	561000	42.68	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	566494	41.22	ng	99
46) 1,1'-Biphenyl	9.357	154	1926705	38.11	ng	99
47) 2-Chloronaphthalene	9.386	162	1536173	36.30	ng	97
48) 2-Nitroaniline	9.475	65	510351	39.79	ng	85
49) Acenaphthylene	9.804	152	2387666	38.55	ng	100
50) Dimethylphthalate	9.663	163	1898936	39.27	ng	99
51) 2,6-Dinitrotoluene	9.722	165	441167	42.83	ng	95
52) Acenaphthene	9.975	154	1660690	41.74	ng	99
53) 3-Nitroaniline	9.886	138	234146	19.22	ng	96
54) 2,4-Dinitrophenol	9.998	184	420922	88.56	ng	93
55) Dibenzofuran	10.151	168	2141509	36.99	ng	98
56) 4-Nitrophenol	10.051	139	762517	86.61	ng	87
57) 2,4-Dinitrotoluene	10.127	165	593841	44.33	ng	99
58) Fluorene	10.492	166	1631465	35.28	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	497586	42.69	ng	96
60) Diethylphthalate	10.363	149	1902856	40.02	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	797619	36.71	ng	99
62) 4-Nitroaniline	10.510	138	435470	35.59	ng	97
63) Azobenzene	10.645	77	1813687	38.98	ng	96
65) 4,6-Dinitro-2-methylph...	10.533	198	301639	47.26	ng	87
66) n-Nitrosodiphenylamine	10.604	169	1559253	37.34	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	556604	37.72	ng	93
68) Hexachlorobenzene	11.039	284	600162	37.92	ng	97
69) Atrazine	11.127	200	468888	40.66	ng	99
70) Pentachlorophenol	11.233	266	736797	85.91	ng	99
71) Phenanthrene	11.457	178	2562273	35.61	ng	99
72) Anthracene	11.510	178	2628658	38.08	ng	99
73) Carbazole	11.663	167	2392797	37.35	ng	100
74) Di-n-butylphthalate	11.992	149	2895856	38.12	ng	99
75) Fluoranthene	12.651	202	2694266	37.46	ng	98
77) Benzidine	12.768	184	868582	40.07	ng	99
78) Pyrene	12.880	202	2756690	38.12	ng	98
80) Butylbenzylphthalate	13.498	149	1288144	41.40	ng	96
81) Benzo(a)anthracene	14.074	228	2439873	37.63	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	617531	30.27	ng	98
83) Chrysene	14.115	228	2432858	37.49	ng	97
84) Bis(2-ethylhexyl)phtha...	14.062	149	1667483	40.33	ng	97
85) Di-n-octyl phthalate	14.680	149	3001669	43.23	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	2419387	40.61	ng	97
88) Benzo(b)fluoranthene	15.139	252	2582956	40.00	ng	100
89) Benzo(k)fluoranthene	15.168	252	2346041	39.09	ng	98
90) Benzo(a)pyrene	15.509	252	2221121	39.16	ng	99
91) Dibenzo(a,h)anthracene	17.103	278	2029979	41.39	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1949372	41.02	ng	98

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

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