Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123049.D
Acq On : 27 Jan 2021 18:57
Operator : JU/CG
Sample : PB134172BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134172BSD

Manual Integrations APPROVED
mohammad
1/28/2021 11:47:09 AM

Quant Time: Jan 28 01:15:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 28 00:48:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	250167	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	964423	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	528412	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	977737	20.00	ng		# 0.00
76) Chrysene-d12	14.086	240	789462	20.00	ng		0.00
86) Perylene-d12	15.568	264	765601	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1279474	78.89	ng		0.01
7) Phenol-d6	6.516	99	1652803	75.19	ng		0.00
23) Nitrobenzene-d5	7.457	82	1409543	73.55	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	474127	82.66	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2619463	73.69	ng		0.00
79) Terphenyl-d14	13.021	244	3149118	78.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	327313	40.56	ng		95
3) Pyridine	3.522	79	808852	37.48	ng		95
4) n-Nitrosodimethylamine	3.475	42	387399	42.66	ng		94
6) Aniline	6.557	93	694496	25.67	ng		98
8) 2-Chlorophenol	6.681	128	781624	44.46	ng		99
9) Benzaldehyde	6.440	77	84826	8.44	ng		97
10) Phenol	6.528	94	963839	44.21	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	766764	42.26	ng		96
12) 1,3-Dichlorobenzene	6.834	146	838788	40.92	ng		97
13) 1,4-Dichlorobenzene	6.910	146	850042	39.81	ng		98
14) 1,2-Dichlorobenzene	7.063	146	795741	39.84	ng		99
15) Benzyl Alcohol	7.034	79	677990	43.99	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1143639	40.88	ng		96
17) 2-Methylphenol	7.139	107	660606	44.16	ng		99
18) Hexachloroethane	7.410	117	309783	41.42	ng		98
19) n-Nitroso-di-n-propyla...	7.310	70	548811	41.52	ng		99
20) 3+4-Methylphenols	7.292	107	791596	44.93	ng	#	89
22) Acetophenone	7.304	105	1029937	40.99	ng		96
24) Nitrobenzene	7.475	77	835713	42.33	ng		100
25) Isophorone	7.716	82	1559792	44.44	ng		100
26) 2-Nitrophenol	7.792	139	399945	48.99	ng		95
27) 2,4-Dimethylphenol	7.828	122	753238	51.13	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	985331	41.14	ng		99
29) 2,4-Dichlorophenol	8.028	162	673989	43.75	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	711142	40.97	ng		98
31) Naphthalene	8.198	128	2249495	42.52	ng		99
32) Benzoic acid	7.945	122	504937	43.11	ng		97
33) 4-Chloroaniline	8.245	127	621782	26.48	ng		99
34) Hexachlorobutadiene	8.322	225	398162	39.71	ng		100
35) Caprolactam	8.616	113	251744m	48.35	ng		
36) 4-Chloro-3-methylphenol	8.728	107	722406	45.10	ng		98
37) 2-Methylnaphthalene	8.892	142	1522870	43.36	ng		99
38) 1-Methylnaphthalene	8.992	142	1437290	43.22	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	660573	40.18	ng		98
41) Hexachlorocyclopentadiene	9.051	237	747196	95.76	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	510521	45.30	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	505229	42.87	ng		98
46) 1,1'-Biphenyl	9.357	154	1812148	41.81	ng		98
47) 2-Chloronaphthalene	9.386	162	1431852	39.46	ng		97
48) 2-Nitroaniline	9.475	65	472005	42.92	ng		88
49) Acenaphthylene	9.804	152	2257201	42.51	ng		100
50) Dimethylphthalate	9.663	163	1744777	42.09	ng		100
51) 2,6-Dinitrotoluene	9.716	165	397422	45.00	ng	#	84
52) Acenaphthene	9.975	154	1539826	45.14	ng		100
53) 3-Nitroaniline	9.886	138	317345	30.39	ng		93
54) 2,4-Dinitrophenol	9.992	184	370225	90.67	ng		98
55) Dibenzofuran	10.145	168	2026632	40.83	ng		99
56) 4-Nitrophenol	10.045	139	760102	100.69	ng		88
57) 2,4-Dinitrotoluene	10.122	165	536344	46.70	ng		94
58) Fluorene	10.492	166	1525919	38.48	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	454935	45.52	ng		95
60) Diethylphthalate	10.363	149	1728827	42.41	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	736789	39.55	ng		99
62) 4-Nitroaniline	10.504	138	406825	38.77	ng		97
63) Azobenzene	10.645	77	1696783	42.54	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	265665	49.10	ng		100
66) n-Nitrosodiphenylamine	10.598	169	1447489	41.07	ng		99
67) 4-Bromophenyl-phenylether	10.975	248	502091	40.32	ng		96
68) Hexachlorobenzene	11.039	284	534191	40.00	ng		97
69) Atrazine	11.127	200	485183	49.86	ng		99
70) Pentachlorophenol	11.233	266	642402	88.75	ng		99
71) Phenanthrene	11.457	178	2364002	38.93	ng		99
72) Anthracene	11.510	178	2387962	40.99	ng		99
73) Carbazole	11.657	167	2217980	41.03	ng		99
74) Di-n-butylphthalate	11.992	149	2688599	41.94	ng		99
75) Fluoranthene	12.651	202	2484814	40.94	ng		99
77) Benzidine	12.763	184	485753	27.19	ng		99
78) Pyrene	12.880	202	2540360	42.62	ng		99
80) Butylbenzylphthalate	13.498	149	1206112	47.03	ng		95
81) Benzo(a)anthracene	14.074	228	2305849	43.16	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	757352	45.04	ng	#	97
83) Chrysene	14.110	228	2273469	42.51	ng		97
84) Bis(2-ethylhexyl)phtha...	14.063	149	1570607	46.09	ng		98
85) Di-n-octyl phthalate	14.680	149	2835943	49.56	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	2301350	45.14	ng		96
88) Benzo(b)fluoranthene	15.133	252	2500040	45.24	ng		98
89) Benzo(k)fluoranthene	15.168	252	2114056	41.17	ng		98
90) Benzo(a)pyrene	15.510	252	2043493	42.11	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	1923404	45.84	ng		98
92) Benzo(g,h,i)perylene	17.527	276	1876566	46.15	ng		96

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

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