Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020821\
Data File : BF123146.D
Acq On : 8 Feb 2021 15:38
Operator : JU/CG
Sample : PB134513BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134513BS

Manual Integrations APPROVED
mohammad
2/9/2021 2:10:28 PM

Quant Time: Feb 08 16:07:36 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	232212	20.00	ng	0.00
21) Naphthalene-d8	8.180	136	905801	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	489688	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	893460	20.00	ng	0.00
76) Chrysene-d12	14.086	240	726103	20.00	ng	0.00
86) Perylene-d12	15.574	264	641170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1639297	108.90	ng	0.02
7) Phenol-d6	6.528	99	2117235	103.76	ng	0.01
23) Nitrobenzene-d5	7.457	82	1219301	67.75	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	677454	127.44	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2292716	69.60	ng	0.00
79) Terphenyl-d14	13.021	244	2474939	66.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	285636	38.14	ng	95
3) Pyridine	3.557	79	775466	38.72	ng	95
4) n-Nitrosodimethylamine	3.516	42	338735	40.19	ng	97
6) Aniline	6.557	93	709818	28.26	ng	99
8) 2-Chlorophenol	6.681	128	717516	43.97	ng	97
9) Benzaldehyde	6.445	77	343593	36.83	ng	98
10) Phenol	6.539	94	871788	43.08	ng	93
11) bis(2-Chloroethyl)ether	6.634	93	697512	41.42	ng	99
12) 1,3-Dichlorobenzene	6.834	146	783516	41.17	ng	96
13) 1,4-Dichlorobenzene	6.910	146	793647	40.05	ng	97
14) 1,2-Dichlorobenzene	7.063	146	763325	41.17	ng	98
15) Benzyl Alcohol	7.034	79	573981	40.12	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	946023	36.43	ng	98
17) 2-Methylphenol	7.145	107	631588	45.49	ng	98
18) Hexachloroethane	7.410	117	292273	42.10	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	494469	40.30	ng	97
20) 3+4-Methylphenols	7.298	107	721848	44.14	ng	97
22) Acetophenone	7.304	105	950900	40.29	ng	99
24) Nitrobenzene	7.475	77	773182	41.69	ng	97
25) Isophorone	7.716	82	1405784	42.64	ng	99
26) 2-Nitrophenol	7.792	139	393725	51.34	ng	98
27) 2,4-Dimethylphenol	7.828	122	675830	48.84	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	882935	39.25	ng	99
29) 2,4-Dichlorophenol	8.033	162	638287	44.11	ng	97
30) 1,2,4-Trichlorobenzene	8.122	180	677651	41.57	ng	98
31) Naphthalene	8.198	128	2069481	41.65	ng	99
32) Benzoic acid	7.963	122	449640	41.13	ng	98
33) 4-Chloroaniline	8.245	127	518472	23.51	ng	99
34) Hexachlorobutadiene	8.316	225	405415	43.05	ng	99
35) Caprolactam	8.628	113	193248m	39.52	ng	
36) 4-Chloro-3-methylphenol	8.733	107	689573	45.83	ng	98
37) 2-Methylnaphthalene	8.892	142	1420084	43.05	ng	100
38) 1-Methylnaphthalene	8.992	142	1327484	42.51	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	653947	42.93	ng	99
41) Hexachlorocyclopentadiene	9.051	237	803375	111.10	ng	97
43) 2,4,6-Trichlorophenol	9.175	196	470904	45.09	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	501701	45.94	ng		98
46) 1,1'-Biphenyl	9.357	154	1700750	42.34	ng		100
47) 2-Chloronaphthalene	9.386	162	1361863	40.50	ng		98
48) 2-Nitroaniline	9.480	65	425290	41.73	ng		92
49) Acenaphthylene	9.804	152	2059613	41.85	ng		100
50) Dimethylphthalate	9.663	163	1617330	42.10	ng		100
51) 2,6-Dinitrotoluene	9.722	165	367966	44.96	ng		93
52) Acenaphthene	9.974	154	1445979m	45.74	ng		
53) 3-Nitroaniline	9.886	138	245731	25.39	ng		89
54) 2,4-Dinitrophenol	9.998	184	356730	94.01	ng		98
55) Dibenzofuran	10.145	168	1835871	39.91	ng		98
56) 4-Nitrophenol	10.057	139	557114	79.64	ng		88
57) 2,4-Dinitrotoluene	10.127	165	487229	45.78	ng		100
58) Fluorene	10.492	166	1428658	38.88	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	433656	46.82	ng		99
60) Diethylphthalate	10.363	149	1572139	41.61	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	710068	41.13	ng		100
62) 4-Nitroaniline	10.510	138	351957	36.20	ng		98
63) Azobenzene	10.645	77	1479893	40.03	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	254225	51.18	ng		100
66) n-Nitrosodiphenylamine	10.604	169	1301986	40.43	ng		100
67) 4-Bromophenyl-phenylether	10.974	248	475822	41.82	ng		95
68) Hexachlorobenzene	11.045	284	524674	42.99	ng		95
69) Atrazine	11.127	200	384742	43.26	ng		99
70) Pentachlorophenol	11.239	266	609429	92.14	ng		99
71) Phenanthrene	11.457	178	2124479	38.29	ng		100
72) Anthracene	11.510	178	2187403	41.09	ng		100
73) Carbazole	11.663	167	1938150	39.23	ng		99
74) Di-n-butylphthalate	11.992	149	2341789	39.98	ng		100
75) Fluoranthene	12.651	202	2212113	39.89	ng		100
77) Benzidine	12.768	184	798948	48.62	ng		99
78) Pyrene	12.880	202	2233870	40.75	ng		99
80) Butylbenzylphthalate	13.498	149	1021426	43.31	ng		99
81) Benzo(a)anthracene	14.074	228	1991767	40.53	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	569752	36.84	ng	#	98
83) Chrysene	14.115	228	1974165	40.14	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	1370532	43.73	ng		97
85) Di-n-octyl phthalate	14.680	149	2313756	43.96	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	1808069	42.35	ng		99
88) Benzo(b)fluoranthene	15.139	252	1915583	41.39	ng		99
89) Benzo(k)fluoranthene	15.168	252	1890020	43.95	ng		99
90) Benzo(a)pyrene	15.515	252	1678815	41.30	ng		99
91) Dibenzo(a,h)anthracene	17.103	278	1503056	42.77	ng		100
92) Benzo(g,h,i)perylene	17.539	276	1418984	41.67	ng		99

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

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