Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122121\
Data File : BF126295.D
Acq On : 21 Dec 2021 14:18
Operator : JU/CG
Sample : PB141481BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 22 05:20:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB141481BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2021
Supervised By :mohammad ahmed 12/27/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	174688	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	749828	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	353789	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	547488	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	278469	20.000	ng		0.01
86) Perylene-d12	15.421	264	260576	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1262428	106.425	ng		0.02
7) Phenol-d6	6.451	99	1603371	106.452	ng		0.00
23) Nitrobenzene-d5	7.381	82	1048592	75.739	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	316920	111.466	ng		0.01
45) 2-Fluorobiphenyl	9.181	172	1400739	69.441	ng		0.00
79) Terphenyl-d14	12.927	244	1227364	76.608	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	205409	35.474	ng	#	100
3) Pyridine	3.369	79	450721	29.311	ng	#	79
4) n-Nitrosodimethylamine	3.322	42	248425	42.036	ng	#	1
6) Aniline	6.481	93	595933	31.149	ng		96
8) 2-Chlorophenol	6.604	128	536968	44.639	ng		90
9) Benzaldehyde	6.363	77	300011	33.008	ng		94
10) Phenol	6.463	94	685267	40.531	ng		94
11) bis(2-Chloroethyl)ether	6.551	93	566160	43.141	ng		94
12) 1,3-Dichlorobenzene	6.757	146	500455	41.243	ng		96
13) 1,4-Dichlorobenzene	6.834	146	508730	41.516	ng		94
14) 1,2-Dichlorobenzene	6.987	146	492243	43.447	ng		96
15) Benzyl Alcohol	6.963	79	438943	39.920	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.098	45	911396	42.437	ng		93
17) 2-Methylphenol	7.075	107	439934	41.748	ng		97
18) Hexachloroethane	7.334	117	204119	42.349	ng		95
19) n-Nitroso-di-n-propyla...	7.240	70	370737	40.095	ng	#	70
20) 3+4-Methylphenols	7.228	107	489694	39.308	ng	#	75
22) Acetophenone	7.228	105	704655	40.833	ng	#	94
24) Nitrobenzene	7.398	77	582663	42.158	ng		89
25) Isophorone	7.640	82	1058201	40.475	ng	#	87
26) 2-Nitrophenol	7.716	139	277245	44.498	ng	#	83
27) 2,4-Dimethylphenol	7.757	122	479434	45.311	ng		96
28) bis(2-Chloroethoxy)met...	7.851	93	693125	40.323	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	391820	41.659	ng		92
30) 1,2,4-Trichlorobenzene	8.045	180	398003	40.911	ng		97
31) Naphthalene	8.122	128	1453266	41.444	ng		98
32) Benzoic acid	7.887	122	331149	36.328	ng		93
33) 4-Chloroaniline	8.169	127	240503	16.426	ng		96
34) Hexachlorobutadiene	8.245	225	195384	40.893	ng		99
35) Caprolactam	8.551	113	151676m	64.890	ng		
36) 4-Chloro-3-methylphenol	8.657	107	468272	42.208	ng		90
37) 2-Methylnaphthalene	8.816	142	927566	42.953	ng		99
38) 1-Methylnaphthalene	8.916	142	852496	40.678	ng		96
40) 1,2,4,5-Tetrachloroben...	8.981	216	304119	39.828	ng	#	95
41) Hexachlorocyclopentadiene	8.975	237	365728	83.641	ng		92
43) 2,4,6-Trichlorophenol	9.092	196	236981	39.453	ng		94

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44) 2,4,5-Trichlorophenol	9.134	196	251370	40.411	ng	#	94
46) 1,1'-Biphenyl	9.281	154	1068314	40.838	ng		97
47) 2-Chloronaphthalene	9.304	162	788415	40.058	ng		96
48) 2-Nitroaniline	9.398	65	300222	41.791	ng		91
49) Acenaphthylene	9.722	152	1234417	41.045	ng		98
50) Dimethylphthalate	9.581	163	924549	41.255	ng		97
51) 2,6-Dinitrotoluene	9.639	165	209589	43.208	ng	#	80
52) Acenaphthene	9.892	154	862861m	44.241	ng		
53) 3-Nitroaniline	9.804	138	140441	22.779	ng	#	73
54) 2,4-Dinitrophenol	9.916	184	197423	98.846	ng	#	83
55) Dibenzofuran	10.063	168	1057146	39.811	ng		99
56) 4-Nitrophenol	9.975	139	342688	76.949	ng	#	81
57) 2,4-Dinitrotoluene	10.045	165	274729	44.399	ng	#	93
58) Fluorene	10.410	166	754540	39.251	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	189338	41.053	ng	#	98
60) Diethylphthalate	10.281	149	903487	40.116	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	328315	37.932	ng		98
62) 4-Nitroaniline	10.422	138	217549	42.064	ng	#	73
63) Azobenzene	10.557	77	1089258	39.930	ng		84
65) 4,6-Dinitro-2-methylph...	10.451	198	130505	43.653	ng		95
66) n-Nitrosodiphenylamine	10.516	169	716637	40.786	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	214030	41.654	ng	#	89
68) Hexachlorobenzene	10.957	284	249057	42.145	ng	#	82
69) Atrazine	11.045	200	219019	68.019	ng		96
70) Pentachlorophenol	11.145	266	257022	78.396	ng		91
71) Phenanthrene	11.369	178	1146312	40.566	ng		97
72) Anthracene	11.422	178	1182361	41.688	ng		98
73) Carbazole	11.569	167	1058267	39.620	ng		99
74) Di-n-butylphthalate	11.910	149	1382155	40.819	ng		99
75) Fluoranthene	12.551	202	1048629	41.188	ng		90
77) Benzidine	12.675	184	342879	78.101	ng		99
78) Pyrene	12.780	202	1057635	41.340	ng		97
80) Butylbenzylphthalate	13.404	149	515267	42.800	ng	#	86
81) Benzo(a)anthracene	13.969	228	638979	38.738	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	185160	24.571	ng	#	95
83) Chrysene	14.004	228	700659	40.883	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	582330	43.286	ng		99
85) Di-n-octyl phthalate	14.574	149	1061556	44.264	ng		98
87) Indeno(1,2,3-cd)pyrene	16.857	276	773077	44.479	ng		93
88) Benzo(b)fluoranthene	15.004	252	702940m	44.897	ng		
89) Benzo(k)fluoranthene	15.033	252	635424	42.425	ng	#	95
90) Benzo(a)pyrene	15.363	252	665882	51.171	ng	#	95
91) Dibenzo(a,h)anthracene	16.880	278	662701	46.904	ng	#	95
92) Benzo(g,h,i)perylene	17.292	276	636299	43.527	ng		95

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

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