Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124134.D
Acq On : 4 Jun 2021 12:04
Operator : JU/CG
Sample : M2580-11MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MS

Manual Integrations APPROVED
mohammad
6/7/2021 12:24:16 PM

Quant Time: Jun 04 13:17:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 09:56:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	44180	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	155756	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	82283	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	129619	20.00	ng		0.00
76) Chrysene-d12	14.039	240	98204	20.00	ng		0.00
86) Perylene-d12	15.521	264	85922	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	277155	94.43	ng		0.01
7) Phenol-d6	6.510	99	343240	87.01	ng		0.00
23) Nitrobenzene-d5	7.434	82	238055	60.62	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	101180	86.79	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	468167	71.60	ng		0.00
79) Terphenyl-d14	12.974	244	385265	53.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	42728	33.27	ng		96
3) Pyridine	3.452	79	109534	33.30	ng	#	83
4) n-Nitrosodimethylamine	3.405	42	76101	38.94	ng	#	98
6) Aniline	6.534	93	137364	30.49	ng		90
8) 2-Chlorophenol	6.657	128	132391	40.54	ng		94
9) Benzaldehyde	6.416	77	92304	52.64	ng		95
10) Phenol	6.528	94	174851	41.01	ng	#	68
11) bis(2-Chloroethyl)ether	6.604	93	130546	42.00	ng		88
12) 1,3-Dichlorobenzene	6.810	146	156145m	40.90	ng		
13) 1,4-Dichlorobenzene	6.887	146	161108	42.07	ng		96
14) 1,2-Dichlorobenzene	7.040	146	152026	41.50	ng		96
15) Benzyl Alcohol	7.016	79	144390	40.60	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.145	45	196793	40.59	ng		87
17) 2-Methylphenol	7.128	107	112614	42.42	ng	#	91
18) Hexachloroethane	7.381	117	65460	43.41	ng		93
19) n-Nitroso-di-n-propyla...	7.287	70	113336	40.70	ng		88
20) 3+4-Methylphenols	7.281	107	153534	43.65	ng		90
22) Acetophenone	7.275	105	206793	46.57	ng		92
24) Nitrobenzene	7.451	77	157453	39.97	ng		99
25) Isophorone	7.692	82	276498	39.07	ng		96
26) 2-Nitrophenol	7.769	139	74708	42.45	ng		89
27) 2,4-Dimethylphenol	7.810	122	132597	53.43	ng		94
28) bis(2-Chloroethoxy)met...	7.898	93	161591	46.06	ng		99
29) 2,4-Dichlorophenol	8.010	162	125457	43.69	ng		92
30) 1,2,4-Trichlorobenzene	8.092	180	137875	42.84	ng		95
31) Naphthalene	8.175	128	405793	43.58	ng		99
32) Benzoic acid	7.928	122	53591	35.19	ng		88
33) 4-Chloroaniline	8.216	127	35328	10.20	ng		93
34) Hexachlorobutadiene	8.287	225	94786	41.70	ng		97
35) Caprolactam	8.598	113	32306m	40.95	ng		
36) 4-Chloro-3-methylphenol	8.710	107	133505	42.50	ng		89
37) 2-Methylnaphthalene	8.863	142	278340	42.62	ng		98
38) 1-Methylnaphthalene	8.963	142	250340	41.02	ng		96
40) 1,2,4,5-Tetrachloroben...	9.034	216	147465	50.58	ng	#	95
41) Hexachlorocyclopentadiene	9.016	237	104629	67.50	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	85881	45.17	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	89744	43.97	ng		96
46) 1,1'-Biphenyl	9.328	154	342162	49.26	ng		97
47) 2-Chloronaphthalene	9.351	162	257112	45.48	ng		98
48) 2-Nitroaniline	9.451	65	96354	47.23	ng		93
49) Acenaphthylene	9.769	152	373080	45.40	ng		97
50) Dimethylphthalate	9.634	163	351653	51.66	ng		99
51) 2,6-Dinitrotoluene	9.692	165	66762	42.77	ng		87
52) Acenaphthene	9.939	154	239291	44.58	ng		96
53) 3-Nitroaniline	9.857	138	43608	29.85	ng		91
54) 2,4-Dinitrophenol	9.969	184	28770	37.98	ng	#	81
55) Dibenzofuran	10.116	168	365310	43.48	ng		99
56) 4-Nitrophenol	10.034	139	85117	81.53	ng		86
57) 2,4-Dinitrotoluene	10.098	165	86135	41.84	ng		92
58) Fluorene	10.457	166	291030	45.13	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.233	232	66403	40.15	ng	#	93
60) Diethylphthalate	10.328	149	312380	45.47	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	141148	42.81	ng		96
62) 4-Nitroaniline	10.475	138	51498	35.06	ng		89
63) Azobenzene	10.604	77	282826	39.49	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	22526	21.63	ng	#	66
66) n-Nitrosodiphenylamine	10.563	169	229069	46.51	ng		92
67) 4-Bromophenyl-phenylether	10.933	248	79569	44.72	ng	#	83
68) Hexachlorobenzene	11.004	284	88036	43.69	ng		94
69) Atrazine	11.092	200	65917	47.28	ng		95
70) Pentachlorophenol	11.198	266	85331	80.34	ng		97
71) Phenanthrene	11.422	178	488197	60.29	ng		98
72) Anthracene	11.469	178	382387	46.89	ng		98
73) Carbazole	11.628	167	299501	42.15	ng		98
74) Di-n-butylphthalate	11.951	149	408528	44.73	ng		97
75) Fluoranthene	12.616	202	565006	66.48	ng		96
77) Benzidine	12.727	184	58313	27.38	ng	#	96
78) Pyrene	12.839	202	502109	53.25	ng		98
80) Butylbenzylphthalate	13.451	149	165727	43.32	ng		98
81) Benzo(a)anthracene	14.027	228	374235	52.31	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	70880	33.77	ng		99
83) Chrysene	14.069	228	374771	54.30	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	248238	54.55	ng		98
85) Di-n-octyl phthalate	14.627	149	390762	64.34	ng		97
87) Indeno(1,2,3-cd)pyrene	17.021	276	271796	38.91	ng		97
88) Benzo(b)fluoranthene	15.092	252	396281	59.37	ng	#	98
89) Benzo(k)fluoranthene	15.121	252	330767	52.35	ng		98
90) Benzo(a)pyrene	15.468	252	313153	54.02	ng		94
91) Dibenzo(a,h)anthracene	17.039	278	213976	36.19	ng		97
92) Benzo(g,h,i)perylene	17.474	276	212759	36.33	ng		96

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

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