Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127660.D
Acq On : 06 Apr 2022 21:06
Operator : CG\JU
Sample : N2254-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/07/2022
Supervised By :Jagrut Upadhyay 04/07/2022

Quant Time: Apr 07 02:39:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	97526	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	361529	20.000	ng	#	0.00
39) Acenaphthene-d10	10.010	164	209071	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	397573	20.000	ng		0.00
76) Chrysene-d12	14.157	240	300842	20.000	ng		0.00
86) Perylene-d12	15.680	264	277245	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	770736	128.414	ng		0.01
7) Phenol-d6	6.581	99	950778	121.090	ng		0.00
23) Nitrobenzene-d5	7.528	82	747986	92.237	ng		0.00
42) 2,4,6-Tribromophenol	10.804	330	319027	143.394	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1314868	88.970	ng		0.00
79) Terphenyl-d14	13.098	244	1653636	90.729	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	127284	44.711	ng	#	70
3) Pyridine	3.663	79	240216	32.037	ng		85
4) n-Nitrosodimethylamine	3.628	42	197336	48.938	ng	#	99
6) Aniline	6.628	93	247777m	26.459	ng		
8) 2-Chlorophenol	6.745	128	322719	53.006	ng		99
9) Benzaldehyde	6.516	77	140244	34.445	ng		99
10) Phenol	6.598	94	369968	47.122	ng		93
11) bis(2-Chloroethyl)ether	6.698	93	334119	51.531	ng		94
12) 1,3-Dichlorobenzene	6.910	146	349417	50.227	ng		95
13) 1,4-Dichlorobenzene	6.987	146	354562	50.418	ng		99
14) 1,2-Dichlorobenzene	7.134	146	339553	50.513	ng		97
15) Benzyl Alcohol	7.104	79	337927	49.229	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.240	45	508071	49.642	ng		97
17) 2-Methylphenol	7.204	107	268951	50.783	ng		99
18) Hexachloroethane	7.481	117	134940	50.286	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	260727	51.340	ng		99
20) 3+4-Methylphenols	7.357	107	337529	50.013	ng	#	59
22) Acetophenone	7.375	105	469881	48.367	ng	#	85
24) Nitrobenzene	7.551	77	397589	50.577	ng		98
25) Isophorone	7.787	82	741253	52.384	ng		98
26) 2-Nitrophenol	7.863	139	149488	52.915	ng		94
27) 2,4-Dimethylphenol	7.892	122	302399	54.672	ng		92
28) bis(2-Chloroethoxy)met...	7.992	93	420821	48.230	ng		99
29) 2,4-Dichlorophenol	8.098	162	288773	48.465	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	322187	46.984	ng		99
31) Naphthalene	8.275	128	925268	48.842	ng		99
32) Benzoic acid	7.987	122	142655	35.549	ng		98
33) 4-Chloroaniline	8.310	127	100597	13.483	ng		98
34) Hexachlorobutadiene	8.386	225	213711	45.305	ng		99
35) Caprolactam	8.686	113	82066m	46.601	ng		
36) 4-Chloro-3-methylphenol	8.792	107	316035	50.591	ng		99
37) 2-Methylnaphthalene	8.963	142	626045	49.410	ng		99
38) 1-Methylnaphthalene	9.063	142	599710	49.037	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	321709	46.914	ng	#	98
41) Hexachlorocyclopentadiene	9.116	237	427130	103.404	ng		98
43) 2,4,6-Trichlorophenol	9.239	196	223199	47.943	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	233012	49.601	ng		99
46) 1,1'-Biphenyl	9.428	154	781708	48.889	ng		100
47) 2-Chloronaphthalene	9.457	162	612204	48.180	ng		99
48) 2-Nitroaniline	9.551	65	218751	55.431	ng		93
49) Acenaphthylene	9.875	152	1010201	52.268	ng		99
50) Dimethylphthalate	9.733	163	754539	49.790	ng		100
51) 2,6-Dinitrotoluene	9.792	165	161172	56.422	ng		96
52) Acenaphthene	10.045	154	651474	53.502	ng		98
53) 3-Nitroaniline	9.963	138	96961	32.130	ng		95
54) 2,4-Dinitrophenol	10.063	184	126504	88.730	ng	#	86
55) Dibenzofuran	10.222	168	870299	48.979	ng		96
56) 4-Nitrophenol	10.116	139	248648	104.900	ng		85
57) 2,4-Dinitrotoluene	10.198	165	215341	60.804	ng	#	88
58) Fluorene	10.563	166	663213	50.516	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.328	232	204041	49.845	ng		96
60) Diethylphthalate	10.433	149	725332	50.016	ng		99
61) 4-Chlorophenyl-phenyle...	10.551	204	347182	48.128	ng		92
62) 4-Nitroaniline	10.580	138	160205	56.367	ng		90
63) Azobenzene	10.716	77	796637	49.161	ng		97
65) 4,6-Dinitro-2-methylph...	10.604	198	87082	45.348	ng		89
66) n-Nitrosodiphenylamine	10.675	169	604459	48.274	ng		100
67) 4-Bromophenyl-phenylether	11.045	248	227211	47.089	ng	#	88
68) Hexachlorobenzene	11.110	284	256436	48.618	ng		98
69) Atrazine	11.198	200	214751	51.620	ng		97
70) Pentachlorophenol	11.304	266	299620	95.110	ng		99
71) Phenanthrene	11.533	178	1031477	48.967	ng		99
72) Anthracene	11.580	178	1048992	50.343	ng		99
73) Carbazole	11.733	167	964985	49.424	ng		99
74) Di-n-butylphthalate	12.063	149	1150062	49.274	ng		99
75) Fluoranthene	12.722	202	1207830	52.545	ng		98
77) Benzidine	12.839	184	68517	8.726	ng		97
78) Pyrene	12.957	202	1219968	48.023	ng		99
80) Butylbenzylphthalate	13.569	149	476505	50.377	ng		97
81) Benzo(a)anthracene	14.145	228	1024035	50.965	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	229534	36.643	ng		99
83) Chrysene	14.186	228	956813	49.608	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	645131	48.387	ng		98
85) Di-n-octyl phthalate	14.751	149	995618	51.072	ng		94
87) Indeno(1,2,3-cd)pyrene	17.251	276	993856	57.375	ng		100
88) Benzo(b)fluoranthene	15.227	252	959186	53.780	ng		99
89) Benzo(k)fluoranthene	15.263	252	812719	45.945	ng		99
90) Benzo(a)pyrene	15.615	252	871304	60.105	ng		98
91) Dibenzo(a,h)anthracene	17.280	278	859122	61.213	ng		97
92) Benzo(g,h,i)perylene	17.733	276	875465	60.845	ng		99

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

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