Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
Data File : BF127718.D
Acq On : 08 Apr 2022 17:26
Operator : CG\JU
Sample : N2317-09MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :Jagrut Upadhyay 04/11/2022

Quant Time: Apr 11 02:22:12 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	145412	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	539841	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	305756	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	544389	20.000	ng		0.00
76) Chrysene-d12	14.157	240	324028	20.000	ng		0.00
86) Perylene-d12	15.680	264	306313	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	816827	91.276	ng		0.01
7) Phenol-d6	6.587	99	1080410	92.286	ng		0.00
23) Nitrobenzene-d5	7.534	82	770485	63.628	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	332402	102.161	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1273300	58.913	ng		0.00
79) Terphenyl-d14	13.092	244	1186250	60.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.934	88	167669	39.501	ng		86
3) Pyridine	3.669	79	433199	38.749	ng		85
4) n-Nitrosodimethylamine	3.646	42	253872	42.225	ng		96
6) Aniline	6.628	93	539978	38.672	ng		94
8) 2-Chlorophenol	6.751	128	438494	48.304	ng		92
9) Benzaldehyde	6.522	77	336933	61.286	ng		94
10) Phenol	6.598	94	540479	46.170	ng		99
11) bis(2-Chloroethyl)ether	6.698	93	439291	45.440	ng		93
12) 1,3-Dichlorobenzene	6.904	146	468088	45.127	ng		97
13) 1,4-Dichlorobenzene	6.981	146	470799	44.900	ng		98
14) 1,2-Dichlorobenzene	7.134	146	455944	45.491	ng		98
15) Benzyl Alcohol	7.104	79	450070	43.975	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	645816	42.321	ng		98
17) 2-Methylphenol	7.210	107	371490	47.045	ng		100
18) Hexachloroethane	7.481	117	178513	44.616	ng		96
19) n-Nitroso-di-n-propyla...	7.381	70	329960	43.577	ng		94
20) 3+4-Methylphenols	7.363	107	452302	44.949	ng	#	69
22) Acetophenone	7.375	105	609676	42.028	ng	#	85
24) Nitrobenzene	7.551	77	524004	44.641	ng		99
25) Isophorone	7.787	82	972182	46.010	ng		98
26) 2-Nitrophenol	7.863	139	216981	51.436	ng		95
27) 2,4-Dimethylphenol	7.892	122	410352	49.685	ng		93
28) bis(2-Chloroethoxy)met...	7.998	93	548927	42.132	ng		99
29) 2,4-Dichlorophenol	8.104	162	389931	43.827	ng		95
30) 1,2,4-Trichlorobenzene	8.186	180	440289	42.999	ng		98
31) Naphthalene	8.275	128	1227797	43.404	ng		98
32) Benzoic acid	8.028	122	304975	50.896	ng		96
33) 4-Chloroaniline	8.316	127	153989	13.822	ng		95
34) Hexachlorobutadiene	8.386	225	299486	42.518	ng		98
35) Caprolactam	8.698	113	120093m	45.670	ng		
36) 4-Chloro-3-methylphenol	8.798	107	409589	43.910	ng		98
37) 2-Methylnaphthalene	8.969	142	826918	43.707	ng		100
38) 1-Methylnaphthalene	9.069	142	796181	43.599	ng		99
40) 1,2,4,5-Tetrachloroben...	9.128	216	433352	43.212	ng	#	97
41) Hexachlorocyclopentadiene	9.116	237	582035	96.348	ng		97
43) 2,4,6-Trichlorophenol	9.239	196	297943	43.761	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	304251	44.286	ng		96
46) 1,1'-Biphenyl	9.433	154	1014246	43.374	ng		98
47) 2-Chloronaphthalene	9.457	162	804779	43.308	ng		98
48) 2-Nitroaniline	9.551	65	275508	47.737	ng		96
49) Acenaphthylene	9.880	152	1288428	45.584	ng		99
50) Dimethylphthalate	9.733	163	952786	42.990	ng		99
51) 2,6-Dinitrotoluene	9.798	165	207250	49.610	ng	#	85
52) Acenaphthene	10.051	154	842375	47.304	ng		97
53) 3-Nitroaniline	9.963	138	131467	29.788	ng		98
54) 2,4-Dinitrophenol	10.069	184	196359	93.849	ng		91
55) Dibenzofuran	10.222	168	1103631	42.470	ng		95
56) 4-Nitrophenol	10.122	139	307492	88.704	ng		89
57) 2,4-Dinitrotoluene	10.198	165	273072	52.723	ng		93
58) Fluorene	10.563	166	827330	43.090	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	264013	44.101	ng		99
60) Diethylphthalate	10.433	149	899202	42.399	ng		98
61) 4-Chlorophenyl-phenyle...	10.557	204	442773	41.970	ng		99
62) 4-Nitroaniline	10.586	138	192622m	46.342	ng		
63) Azobenzene	10.716	77	937961	39.579	ng		96
65) 4,6-Dinitro-2-methylph...	10.604	198	128322	48.803	ng		95
66) n-Nitrosodiphenylamine	10.675	169	740533	43.192	ng		98
67) 4-Bromophenyl-phenylether	11.045	248	293442	44.414	ng	#	92
68) Hexachlorobenzene	11.110	284	331796	45.940	ng		95
69) Atrazine	11.204	200	267294	46.923	ng		98
70) Pentachlorophenol	11.304	266	367119	85.108	ng		97
71) Phenanthrene	11.533	178	1231863	42.708	ng		99
72) Anthracene	11.586	178	1238997	43.426	ng		99
73) Carbazole	11.739	167	1064091	39.802	ng		99
74) Di-n-butylphthalate	12.063	149	1291629	40.415	ng		99
75) Fluoranthene	12.721	202	1273373	40.457	ng		99
77) Benzidine	12.845	184	376910	44.566	ng		99
78) Pyrene	12.957	202	1260141	46.055	ng		99
80) Butylbenzylphthalate	13.568	149	450009	44.171	ng		94
81) Benzo(a)anthracene	14.145	228	967563	44.709	ng		98
82) 3,3'-Dichlorobenzidine	14.104	252	182376	27.031	ng		96
83) Chrysene	14.186	228	909983	43.804	ng		100
84) Bis(2-ethylhexyl)phtha...	14.127	149	576143	40.121	ng	#	98
85) Di-n-octyl phthalate	14.751	149	874258	41.637	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.251	276	934418	48.825	ng		98
88) Benzo(b)fluoranthene	15.227	252	916370	46.504	ng		99
89) Benzo(k)fluoranthene	15.262	252	812769	41.587	ng		99
90) Benzo(a)pyrene	15.621	252	844996	52.759	ng		99
91) Dibenzo(a,h)anthracene	17.274	278	800065	51.596	ng		97
92) Benzo(g,h,i)perylene	17.733	276	819256	51.535	ng		100

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

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