Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127584.D
Acq On : 30 Mar 2022 13:23
Operator : CG\JU
Sample : PB143724BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 30 16:32:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143724BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/31/2022
Supervised By :Jagrut Upadhyay
03/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	98753	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	366793	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	209264	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	369047	20.000	ng		0.00
76) Chrysene-d12	14.016	240	238169	20.000	ng		0.00
86) Perylene-d12	15.498	264	192315	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	705030	113.959	ng		0.01
7) Phenol-d6	6.481	99	943292	111.544	ng		0.00
23) Nitrobenzene-d5	7.404	82	649767	75.723	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	236965	106.301	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1067783	74.509	ng		0.00
79) Terphenyl-d14	12.951	244	1154328	79.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	107396	39.524	ng		94
3) Pyridine	3.440	79	242433	31.611	ng		95
4) n-Nitrosodimethylamine	3.399	42	182409	43.319	ng		99
6) Aniline	6.504	93	333954	33.092	ng	#	90
8) 2-Chlorophenol	6.628	128	281481	44.523	ng		99
9) Benzaldehyde	6.393	77	175377	40.578	ng		98
10) Phenol	6.492	94	391276	42.485	ng		97
11) bis(2-Chloroethyl)ether	6.575	93	304362	45.165	ng		99
12) 1,3-Dichlorobenzene	6.775	146	296941	41.759	ng		96
13) 1,4-Dichlorobenzene	6.851	146	297704	41.621	ng		99
14) 1,2-Dichlorobenzene	7.004	146	283115	40.640	ng		99
15) Benzyl Alcohol	6.987	79	275412	44.813	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.104	45	526468	43.415	ng		65
17) 2-Methylphenol	7.098	107	230112	43.128	ng		93
18) Hexachloroethane	7.340	117	114045	43.552	ng		97
19) n-Nitroso-di-n-propyla...	7.251	70	215841	42.580	ng		98
20) 3+4-Methylphenols	7.251	107	280924	42.688	ng		94
22) Acetophenone	7.251	105	379347	40.459	ng		98
24) Nitrobenzene	7.428	77	345241	42.188	ng		97
25) Isophorone	7.657	82	628507	45.988	ng		99
26) 2-Nitrophenol	7.739	139	144720	42.167	ng		97
27) 2,4-Dimethylphenol	7.775	122	248285	48.092	ng		99
28) bis(2-Chloroethoxy)met...	7.863	93	376025	42.355	ng		98
29) 2,4-Dichlorophenol	7.987	162	246150	41.999	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	267427	39.157	ng		96
31) Naphthalene	8.139	128	795656	40.858	ng		99
32) Benzoic acid	7.939	122	116899	40.481	ng		96
33) 4-Chloroaniline	8.198	127	112843	14.954	ng		98
34) Hexachlorobutadiene	8.245	225	168430	38.837	ng		98
35) Caprolactam	8.581	113	79811m	44.172	ng		
36) 4-Chloro-3-methylphenol	8.692	107	269671	42.409	ng		98
37) 2-Methylnaphthalene	8.828	142	529478	42.285	ng		99
38) 1-Methylnaphthalene	8.928	142	497212	40.157	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	269921	40.567	ng		99
41) Hexachlorocyclopentadiene	8.975	237	144346	68.172	ng		94
43) 2,4,6-Trichlorophenol	9.116	196	166128	41.305	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	172038	41.553	ng		99
46) 1,1'-Biphenyl	9.292	154	638004	40.367	ng		99
47) 2-Chloronaphthalene	9.322	162	505675	40.630	ng		98
48) 2-Nitroaniline	9.428	65	200189	41.969	ng		98
49) Acenaphthylene	9.739	152	774035	41.138	ng		100
50) Dimethylphthalate	9.598	163	612652	42.083	ng		100
51) 2,6-Dinitrotoluene	9.669	165	132188	43.256	ng		94
52) Acenaphthene	9.910	154	451099	41.091	ng		98
53) 3-Nitroaniline	9.845	138	83954	25.045	ng		99
54) 2,4-Dinitrophenol	9.963	184	102967	68.201	ng		99
55) Dibenzofuran	10.080	168	650407	40.747	ng		99
56) 4-Nitrophenol	10.028	139	117036	68.596	ng		91
57) 2,4-Dinitrotoluene	10.080	165	160432	40.786	ng	#	90
58) Fluorene	10.428	166	537192	42.083	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	143661	39.247	ng		99
60) Diethylphthalate	10.298	149	548161	41.225	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	287858	38.258	ng		96
62) 4-Nitroaniline	10.469	138	123643	39.378	ng		97
63) Azobenzene	10.575	77	640821	40.844	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	85341	37.581	ng		98
66) n-Nitrosodiphenylamine	10.539	169	468374	41.693	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	176526	40.970	ng		95
68) Hexachlorobenzene	10.969	284	198151	42.131	ng		93
69) Atrazine	11.069	200	179337	47.952	ng		97
70) Pentachlorophenol	11.175	266	128245	71.414	ng		99
71) Phenanthrene	11.392	178	786255	40.866	ng		99
72) Anthracene	11.445	178	804644	42.143	ng		98
73) Carbazole	11.604	167	723298	39.613	ng		100
74) Di-n-butylphthalate	11.916	149	845740	44.748	ng		100
75) Fluoranthene	12.586	202	867924	41.014	ng		99
77) Benzidine	12.710	184	259228	45.648	ng		98
78) Pyrene	12.816	202	867579	42.445	ng		99
80) Butylbenzylphthalate	13.421	149	320255	47.605	ng		93
81) Benzo(a)anthracene	14.004	228	671268	42.145	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	121029	25.855	ng		99
83) Chrysene	14.045	228	636176	42.180	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	389519	50.089	ng		100
85) Di-n-octyl phthalate	14.580	149	593431	57.345	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	506805	38.945	ng		98
88) Benzo(b)fluoranthene	15.063	252	528795	43.609	ng		100
89) Benzo(k)fluoranthene	15.092	252	539175	42.892	ng		99
90) Benzo(a)pyrene	15.433	252	510799	51.329	ng		98
91) Dibenzo(a,h)anthracene	17.004	278	446269	41.537	ng		97
92) Benzo(g,h,i)perylene	17.456	276	436251	39.284	ng		98

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

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