Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120922\
Data File : BF131568.D
Acq On : 09 Dec 2022 15:56
Operator : CG\JU
Sample : PB149504BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 10 03:59:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 06:08:27 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149504BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/10/2022
Supervised By :Jagrut Upadhyay 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	50339	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	189547	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	115251	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	223141	20.000	ng	0.00
76) Chrysene-d12	14.110	240	124339	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	105223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	460598	152.647	ng	0.02
7) Phenol-d6	6.540	99	589203	149.011	ng	0.00
23) Nitrobenzene-d5	7.481	82	420020	83.777	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	196242	153.257	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	778887	85.212	ng	0.00
79) Terphenyl-d14	13.051	244	944708	104.197	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	51805	38.036	ng	97
3) Pyridine	3.493	79	143966	38.072	ng	98
4) n-Nitrosodimethylamine	3.469	42	94512	45.320	ng	95
6) Aniline	6.575	93	205752	43.509	ng	99
8) 2-Chlorophenol	6.692	128	146921	45.946	ng	96
9) Benzaldehyde	6.457	77	74641	27.555	ng	97
10) Phenol	6.551	94	208136m	47.191	ng	
11) bis(2-Chloroethyl)ether	6.645	93	157163	47.537	ng	96
12) 1,3-Dichlorobenzene	6.851	146	167579	45.202	ng	98
13) 1,4-Dichlorobenzene	6.928	146	169772	45.400	ng	99
14) 1,2-Dichlorobenzene	7.081	146	164624	46.085	ng	95
15) Benzyl Alcohol	7.057	79	153488m	42.341	ng	
16) 2,2'-oxybis(1-Chloropr...	7.181	45	197524	46.251	ng	98
17) 2-Methylphenol	7.163	107	135203	46.915	ng	99
18) Hexachloroethane	7.422	117	70199	46.536	ng	90
19) n-Nitroso-di-n-propyla...	7.328	70	136222	45.944	ng	98
20) 3+4-Methylphenols	7.316	107	178865	45.568	ng	91
22) Acetophenone	7.322	105	259089	43.618	ng	98
24) Nitrobenzene	7.498	77	211455	41.817	ng	97
25) Isophorone	7.739	82	370808	45.917	ng	100
26) 2-Nitrophenol	7.816	139	77961	45.211	ng	96
27) 2,4-Dimethylphenol	7.851	122	135179m	51.145	ng	
28) bis(2-Chloroethoxy)met...	7.945	93	198125	47.426	ng	99
29) 2,4-Dichlorophenol	8.057	162	139452	42.671	ng	97
30) 1,2,4-Trichlorobenzene	8.139	180	167120	41.699	ng	99
31) Naphthalene	8.222	128	439460	41.164	ng	99
32) Benzoic acid	7.975	122	83201	43.466	ng	95
33) 4-Chloroaniline	8.269	127	112845	28.199	ng	96
34) Hexachlorobutadiene	8.334	225	117387	41.559	ng	98
35) Caprolactam	8.639	113	39856m	47.145	ng	
36) 4-Chloro-3-methylphenol	8.757	107	162627	44.316	ng	99
37) 2-Methylnaphthalene	8.916	142	304447	41.699	ng	100
38) 1-Methylnaphthalene	9.016	142	284485	40.590	ng	99
40) 1,2,4,5-Tetrachloroben...	9.081	216	185096	43.385	ng	98
41) Hexachlorocyclopentadiene	9.069	237	259756	119.953	ng	98
43) 2,4,6-Trichlorophenol	9.192	196	106400	40.320	ng	100

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44) 2,4,5-Trichlorophenol	9.233	196	121743	42.898	ng		94
46) 1,1'-Biphenyl	9.386	154	393407	43.173	ng		97
47) 2-Chloronaphthalene	9.410	162	313274	42.196	ng		98
48) 2-Nitroaniline	9.504	65	113711	43.237	ng		99
49) Acenaphthylene	9.828	152	471410	43.245	ng		99
50) Dimethylphthalate	9.686	163	379542	43.200	ng		99
51) 2,6-Dinitrotoluene	9.751	165	83144	45.840	ng	#	85
52) Acenaphthene	9.998	154	349593m	47.872	ng		
53) 3-Nitroaniline	9.922	138	55119	31.673	ng		96
54) 2,4-Dinitrophenol	10.028	184	95792	91.631	ng		92
55) Dibenzofuran	10.175	168	439060	42.551	ng		98
56) 4-Nitrophenol	10.080	139	111093	91.893	ng		91
57) 2,4-Dinitrotoluene	10.157	165	112036	46.564	ng		91
58) Fluorene	10.516	166	359139	42.814	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	101770	42.348	ng	#	89
60) Diethylphthalate	10.386	149	377267	44.747	ng		100
61) 4-Chlorophenyl-phenyle...	10.504	204	206184	44.478	ng		98
62) 4-Nitroaniline	10.539	138	75075	43.534	ng		98
63) Azobenzene	10.669	77	409789	42.614	ng		99
65) 4,6-Dinitro-2-methylph...	10.563	198	61504	43.518	ng		92
66) n-Nitrosodiphenylamine	10.627	169	303266	42.039	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	121814	42.436	ng		94
68) Hexachlorobenzene	11.063	284	135238	43.555	ng		97
69) Atrazine	11.157	200	118669	51.802	ng		97
70) Pentachlorophenol	11.257	266	144566	90.440	ng		99
71) Phenanthrene	11.486	178	521973	41.967	ng		100
72) Anthracene	11.533	178	535994	44.295	ng		99
73) Carbazole	11.692	167	439422	44.489	ng		99
74) Di-n-butylphthalate	12.016	149	563935	46.539	ng		99
75) Fluoranthene	12.674	202	567847	44.337	ng		99
77) Benzidine	12.798	184	224188	67.293	ng		98
78) Pyrene	12.904	202	566743	46.225	ng		100
80) Butylbenzylphthalate	13.521	149	179408	50.564	ng		96
81) Benzo(a)anthracene	14.098	228	401709	44.737	ng		100
82) 3,3'-Dichlorobenzidine	14.063	252	95591	37.417	ng	#	94
83) Chrysene	14.139	228	379231	44.424	ng		97
84) Bis(2-ethylhexyl)phtha...	14.080	149	213623	44.435	ng		98
85) Di-n-octyl phthalate	14.704	149	316505	40.835	ng		100
87) Indeno(1,2,3-cd)pyrene	17.162	276	374566	43.619	ng		100
88) Benzo(b)fluoranthene	15.174	252	321402m	46.344	ng		
89) Benzo(k)fluoranthene	15.204	252	317343	43.841	ng		100
90) Benzo(a)pyrene	15.557	252	278433	47.045	ng		98
91) Dibenzo(a,h)anthracene	17.186	278	319734	45.240	ng		98
92) Benzo(g,h,i)perylene	17.633	276	317073	44.639	ng		98

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

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