Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
Data File : BF133828.D
Acq On : 19 Jun 2023 11:57
Operator : CG\JU
Sample : PB153132BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 20 01:29:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 19 16:00:59 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153132BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	109702	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	427084	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	224070	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	445826	20.000	ng		0.00
76) Chrysene-d12	14.051	240	204224	20.000	ng		0.00
86) Perylene-d12	15.557	264	201518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	752207	119.370	ng		0.01
7) Phenol-d6	6.504	99	910908	111.054	ng		0.00
23) Nitrobenzene-d5	7.428	82	627900	80.077	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	314104	110.743	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1173155	74.426	ng		0.00
79) Terphenyl-d14	12.992	244	1308913	99.172	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	94860	34.241	ng		97
3) Pyridine	3.510	79	237733	29.441	ng		96
4) n-Nitrosodimethylamine	3.469	42	186186	41.713	ng		95
6) Aniline	6.528	93	294809	28.536	ng		99
8) 2-Chlorophenol	6.645	128	304369	45.834	ng		97
9) Benzaldehyde	6.410	77	85771	15.761	ng		95
10) Phenol	6.516	94	356621	41.638	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	271565	42.709	ng		97
12) 1,3-Dichlorobenzene	6.798	146	318300	44.861	ng		97
13) 1,4-Dichlorobenzene	6.881	146	319333	44.529	ng		97
14) 1,2-Dichlorobenzene	7.028	146	303267	46.801	ng		100
15) Benzyl Alcohol	7.004	79	281766	43.982	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	496607	46.073	ng		100
17) 2-Methylphenol	7.116	107	250069	42.485	ng		99
18) Hexachloroethane	7.369	117	122159	49.758	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	220689	42.288	ng		94
20) 3+4-Methylphenols	7.269	107	303283	39.609	ng	#	87
22) Acetophenone	7.269	105	424769	43.364	ng	#	90
24) Nitrobenzene	7.445	77	331213	41.949	ng		98
25) Isophorone	7.681	82	601405	41.777	ng		99
26) 2-Nitrophenol	7.757	139	162226	45.782	ng		95
27) 2,4-Dimethylphenol	7.798	122	267850	43.856	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	347359	41.749	ng		100
29) 2,4-Dichlorophenol	7.998	162	256824	42.905	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	266250	42.633	ng		98
31) Naphthalene	8.163	128	855367	41.109	ng		100
32) Benzoic acid	7.928	122	205429	53.332	ng		94
33) 4-Chloroaniline	8.210	127	103338	11.615	ng		99
34) Hexachlorobutadiene	8.275	225	168525	41.215	ng		98
35) Caprolactam	8.592	113	87163m	43.274	ng		
36) 4-Chloro-3-methylphenol	8.698	107	296141	42.921	ng		99
37) 2-Methylnaphthalene	8.857	142	581736	40.238	ng		99
38) 1-Methylnaphthalene	8.957	142	537531	40.405	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	275718	40.476	ng		98
41) Hexachlorocyclopentadiene	9.004	237	352249	116.039	ng		95
43) 2,4,6-Trichlorophenol	9.133	196	186863	41.051	ng		96

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44) 2,4,5-Trichlorophenol	9.175	196	204254	38.570	ng		96
46) 1,1'-Biphenyl	9.322	154	748263	41.406	ng		100
47) 2-Chloronaphthalene	9.345	162	545726	42.099	ng		100
48) 2-Nitroaniline	9.445	65	193490	40.813	ng		97
49) Acenaphthylene	9.763	152	899325	39.860	ng		99
50) Dimethylphthalate	9.627	163	668375	39.962	ng		100
51) 2,6-Dinitrotoluene	9.686	165	146382	42.403	ng	#	75
52) Acenaphthene	9.933	154	536440	40.620	ng		98
53) 3-Nitroaniline	9.857	138	93332	22.216	ng		90
54) 2,4-Dinitrophenol	9.969	184	173677	101.313	ng		90
55) Dibenzofuran	10.110	168	815054	40.446	ng		97
56) 4-Nitrophenol	10.027	139	244165	86.117	ng	#	80
57) 2,4-Dinitrotoluene	10.098	165	196893	44.845	ng		97
58) Fluorene	10.451	166	639099	41.471	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	177758	44.834	ng		97
60) Diethylphthalate	10.327	149	713228	41.900	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	311210	40.907	ng		99
62) 4-Nitroaniline	10.480	138	160929	39.069	ng		94
63) Azobenzene	10.604	77	671857	41.693	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	112332	52.729	ng	#	73
66) n-Nitrosodiphenylamine	10.569	169	580704	38.777	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	196975	39.585	ng		96
68) Hexachlorobenzene	10.998	284	216631	41.400	ng		96
69) Atrazine	11.098	200	188082	43.286	ng		96
70) Pentachlorophenol	11.198	266	240141	76.640	ng		98
71) Phenanthrene	11.422	178	923652	40.835	ng		100
72) Anthracene	11.474	178	942854	39.978	ng		100
73) Carbazole	11.627	167	869227	39.572	ng		99
74) Di-n-butylphthalate	11.957	149	1114531	39.578	ng		99
75) Fluoranthene	12.616	202	961078	40.012	ng		99
77) Benzidine	12.733	184	195713	28.559	ng		100
78) Pyrene	12.845	202	949460	49.908	ng		99
80) Butylbenzylphthalate	13.468	149	364146	45.340	ng		100
81) Benzo(a)anthracene	14.039	228	595323	42.143	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	134396	28.617	ng		98
83) Chrysene	14.080	228	556650	41.663	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	402335	40.685	ng		99
85) Di-n-octyl phthalate	14.651	149	565548	40.245	ng		98
87) Indeno(1,2,3-cd)pyrene	17.109	276	701030	50.565	ng		99
88) Benzo(b)fluoranthene	15.110	252	518454	42.353	ng		98
89) Benzo(k)fluoranthene	15.139	252	465608	39.046	ng		99
90) Benzo(a)pyrene	15.492	252	460802	40.560	ng		97
91) Dibenzo(a,h)anthracene	17.139	278	573182	49.938	ng		99
92) Benzo(g,h,i)perylene	17.586	276	568861	49.988	ng		98

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

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