Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
Data File : BF133830.D
Acq On : 19 Jun 2023 13:02
Operator : CG\JU
Sample : PB153176BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 01:30:50 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 :
PB153176BS

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	111518	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	439177	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	233800	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	455067	20.000	ng		0.00
76) Chrysene-d12	14.051	240	213292	20.000	ng		0.00
86) Perylene-d12	15.557	264	226651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	755230	117.898	ng		0.01
7) Phenol-d6	6.504	99	922811	110.673	ng		0.00
23) Nitrobenzene-d5	7.428	82	639344	79.291	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	315228	106.514	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1206749	73.371	ng		0.00
79) Terphenyl-d14	12.992	244	1338231	97.083	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	96792	34.369	ng		98
3) Pyridine	3.510	79	234023	28.510	ng		97
4) n-Nitrosodimethylamine	3.469	42	187446	41.312	ng		97
6) Aniline	6.522	93	293190	27.917	ng	#	87
8) 2-Chlorophenol	6.645	128	309798	45.891	ng		98
9) Benzaldehyde	6.410	77	86706	15.674	ng		94
10) Phenol	6.516	94	366576	42.103	ng		91
11) bis(2-Chloroethyl)ether	6.598	93	277717	42.965	ng		96
12) 1,3-Dichlorobenzene	6.798	146	320847	44.484	ng		97
13) 1,4-Dichlorobenzene	6.875	146	327113	44.871	ng		96
14) 1,2-Dichlorobenzene	7.028	146	312253	47.403	ng		99
15) Benzyl Alcohol	7.004	79	280691	43.101	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	506489	46.225	ng		99
17) 2-Methylphenol	7.116	107	247334	41.336	ng		99
18) Hexachloroethane	7.369	117	127445	51.066	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	223761	42.178	ng		98
20) 3+4-Methylphenols	7.269	107	306107	39.326	ng	#	85
22) Acetophenone	7.269	105	432601	42.948	ng	#	91
24) Nitrobenzene	7.445	77	336770	41.478	ng		98
25) Isophorone	7.681	82	615457	41.576	ng		99
26) 2-Nitrophenol	7.757	139	166995	45.830	ng		99
27) 2,4-Dimethylphenol	7.792	122	275370	43.846	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	353717	41.343	ng		99
29) 2,4-Dichlorophenol	7.998	162	263319	42.779	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	271362	42.255	ng		97
31) Naphthalene	8.163	128	865431	40.447	ng		100
32) Benzoic acid	7.922	122	211790	53.469	ng		95
33) 4-Chloroaniline	8.210	127	93527	10.223	ng		96
34) Hexachlorobutadiene	8.275	225	173241	41.202	ng		99
35) Caprolactam	8.592	113	87718m	42.351	ng		
36) 4-Chloro-3-methylphenol	8.698	107	300468	42.349	ng		100
37) 2-Methylnaphthalene	8.857	142	590444	39.716	ng		100
38) 1-Methylnaphthalene	8.951	142	552220	40.366	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	275741	38.795	ng		97
41) Hexachlorocyclopentadiene	9.004	237	360691	113.875	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	192761	40.584	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	210194	38.039	ng		98
46) 1,1'-Biphenyl	9.322	154	755055	40.043	ng		99
47) 2-Chloronaphthalene	9.345	162	551633	40.783	ng		98
48) 2-Nitroaniline	9.445	65	197447	39.914	ng		99
49) Acenaphthylene	9.763	152	923459	39.226	ng		100
50) Dimethylphthalate	9.628	163	682374	39.102	ng		99
51) 2,6-Dinitrotoluene	9.686	165	150402	41.754	ng	#	77
52) Acenaphthene	9.933	154	545509	39.587	ng		99
53) 3-Nitroaniline	9.857	138	92727	21.154	ng		94
54) 2,4-Dinitrophenol	9.969	184	178363	99.806	ng		93
55) Dibenzofuran	10.110	168	833190	39.625	ng		98
56) 4-Nitrophenol	10.028	139	248778	84.092	ng		85
57) 2,4-Dinitrotoluene	10.098	165	199639	43.578	ng		96
58) Fluorene	10.451	166	658011	40.922	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	181252	43.812	ng		97
60) Diethylphthalate	10.328	149	718012	40.426	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	312565	39.375	ng		98
62) 4-Nitroaniline	10.481	138	165839	38.586	ng		95
63) Azobenzene	10.604	77	679048	40.386	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	115328	53.036	ng		78
66) n-Nitrosodiphenylamine	10.563	169	595435	38.954	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	196880	38.762	ng		96
68) Hexachlorobenzene	10.998	284	218731	40.952	ng		95
69) Atrazine	11.098	200	189432	42.712	ng		96
70) Pentachlorophenol	11.198	266	243674	76.189	ng		98
71) Phenanthrene	11.422	178	941942	40.798	ng		99
72) Anthracene	11.469	178	969492	40.272	ng		99
73) Carbazole	11.628	167	889793	39.685	ng		100
74) Di-n-butylphthalate	11.957	149	1135524	39.505	ng		99
75) Fluoranthene	12.616	202	990597	40.403	ng		99
77) Benzidine	12.733	184	205365	28.693	ng		98
78) Pyrene	12.845	202	977510	49.198	ng		100
80) Butylbenzylphthalate	13.469	149	374366	44.631	ng		96
81) Benzo(a)anthracene	14.039	228	618983	41.955	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	140096	28.562	ng		99
83) Chrysene	14.074	228	576871	41.340	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	413347	40.022	ng		98
85) Di-n-octyl phthalate	14.651	149	597982	40.743	ng		99
87) Indeno(1,2,3-cd)pyrene	17.110	276	820554	52.623	ng		98
88) Benzo(b)fluoranthene	15.110	252	545222	39.600	ng		98
89) Benzo(k)fluoranthene	15.139	252	542725	40.466	ng		98
90) Benzo(a)pyrene	15.492	252	522377	40.881	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	673331	52.159	ng		100
92) Benzo(g,h,i)perylene	17.586	276	683985	53.440	ng		97

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

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