Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134211.D
Acq On : 11 Jul 2023 13:27
Operator : CG\JU
Sample : PB153791BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 12 01:03:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153791BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
07/12/2023
Supervised By :mohammad ahmed
07/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	116266	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	463533	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	229049	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	449463	20.000	ng		0.00
76) Chrysene-d12	14.039	240	192025	20.000	ng		0.00
86) Perylene-d12	15.545	264	184695	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	887824	127.735	ng		0.01
7) Phenol-d6	6.487	99	1107844	129.606	ng		0.00
23) Nitrobenzene-d5	7.410	82	700753	81.492	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	359153	125.061	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1328988	84.358	ng		0.00
79) Terphenyl-d14	12.974	244	1474909	123.617	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	93658	32.680	ng		98
3) Pyridine	3.475	79	230849	30.924	ng		98
4) n-Nitrosodimethylamine	3.434	42	164559	38.597	ng		99
6) Aniline	6.510	93	385299	37.043	ng		92
8) 2-Chlorophenol	6.634	128	328251	46.523	ng		95
9) Benzaldehyde	6.398	77	213717	47.977	ng		97
10) Phenol	6.504	94	406272	45.205	ng		84
11) bis(2-Chloroethyl)ether	6.587	93	298688	45.142	ng		94
12) 1,3-Dichlorobenzene	6.787	146	357634	47.544	ng		97
13) 1,4-Dichlorobenzene	6.863	146	347859	45.785	ng		98
14) 1,2-Dichlorobenzene	7.010	146	343282	48.244	ng		97
15) Benzyl Alcohol	6.993	79	287823	43.679	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	487046	41.608	ng		96
17) 2-Methylphenol	7.104	107	259283	41.038	ng		98
18) Hexachloroethane	7.351	117	130918	46.472	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	230696	42.558	ng		98
20) 3+4-Methylphenols	7.257	107	330675	43.141	ng		95
22) Acetophenone	7.257	105	449375	42.627	ng	#	98
24) Nitrobenzene	7.434	77	353998	40.738	ng		100
25) Isophorone	7.669	82	633862	40.559	ng		99
26) 2-Nitrophenol	7.745	139	186151	44.656	ng		98
27) 2,4-Dimethylphenol	7.781	122	267363	40.519	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	365988	40.444	ng		99
29) 2,4-Dichlorophenol	7.987	162	265954	40.646	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	289303	42.851	ng		100
31) Naphthalene	8.151	128	874923	39.076	ng		100
32) Benzoic acid	7.904	122	185639m	37.545	ng		
33) 4-Chloroaniline	8.198	127	172550	18.016	ng		98
34) Hexachlorobutadiene	8.257	225	182475	42.846	ng		98
35) Caprolactam	8.581	113	88366m	41.016	ng		
36) 4-Chloro-3-methylphenol	8.687	107	303825	41.334	ng		98
37) 2-Methylnaphthalene	8.839	142	625956	39.534	ng		99
38) 1-Methylnaphthalene	8.939	142	575275	39.083	ng		100
40) 1,2,4,5-Tetrachloroben...	9.010	216	300269	44.249	ng		98
41) Hexachlorocyclopentadiene	8.992	237	310589	96.475	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	186887	40.456	ng		99

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44) 2,4,5-Trichlorophenol	9.163	196	213806	39.347	ng		98
46) 1,1'-Biphenyl	9.304	154	728035	39.624	ng		98
47) 2-Chloronaphthalene	9.334	162	573667	42.673	ng		99
48) 2-Nitroaniline	9.434	65	205809	42.007	ng		90
49) Acenaphthylene	9.745	152	964368	41.994	ng		100
50) Dimethylphthalate	9.610	163	694919	41.795	ng		100
51) 2,6-Dinitrotoluene	9.675	165	156520	43.707	ng		95
52) Acenaphthene	9.922	154	563021	42.252	ng		98
53) 3-Nitroaniline	9.845	138	136267	31.718	ng		97
54) 2,4-Dinitrophenol	9.957	184	156625	75.939	ng		95
55) Dibenzofuran	10.092	168	764802	36.725	ng		100
56) 4-Nitrophenol	10.016	139	243064	80.884	ng		98
57) 2,4-Dinitrotoluene	10.086	165	184075	38.922	ng		98
58) Fluorene	10.439	166	688750	42.511	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	184489	43.043	ng		98
60) Diethylphthalate	10.310	149	717032	41.393	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	327509	41.946	ng		99
62) 4-Nitroaniline	10.469	138	177841	41.075	ng		95
63) Azobenzene	10.592	77	677826	41.367	ng		98
65) 4,6-Dinitro-2-methylph...	10.498	198	114183	46.597	ng		98
66) n-Nitrosodiphenylamine	10.551	169	607467	42.301	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	205018	42.915	ng		97
68) Hexachlorobenzene	10.986	284	239283	47.174	ng		98
69) Atrazine	11.080	200	201139	50.636	ng		98
70) Pentachlorophenol	11.186	266	222082	73.226	ng		98
71) Phenanthrene	11.404	178	992544	43.866	ng		99
72) Anthracene	11.457	178	1016446	43.190	ng		99
73) Carbazole	11.616	167	959883	44.560	ng		99
74) Di-n-butylphthalate	11.945	149	1080506	42.180	ng		99
75) Fluoranthene	12.604	202	1024130	41.867	ng		99
77) Benzidine	12.727	184	374097	81.875	ng		99
78) Pyrene	12.833	202	1031365	57.713	ng		100
80) Butylbenzylphthalate	13.457	149	365710	54.565	ng		97
81) Benzo(a)anthracene	14.033	228	584434	43.885	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	140782	33.367	ng	#	99
83) Chrysene	14.069	228	543948	42.171	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	334655	43.454	ng		99
85) Di-n-octyl phthalate	14.639	149	480392	42.452	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	632223	49.331	ng		97
88) Benzo(b)fluoranthene	15.104	252	482201	44.401	ng		98
89) Benzo(k)fluoranthene	15.133	252	480894	43.491	ng		98
90) Benzo(a)pyrene	15.480	252	440549	41.950	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	515428	49.239	ng		97
92) Benzo(g,h,i)perylene	17.574	276	522165	48.371	ng		95

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

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