Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
Data File : BF132570.D
Acq On : 28 Feb 2023 14:03
Operator : CG\JU
Sample : PB151052BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 28 14:38:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151052BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	166096	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	624261	20.000	ng		0.00
39) Acenaphthene-d10	10.057	164	351910	20.000	ng		0.00
64) Phenanthrene-d10	11.545	188	682005	20.000	ng		0.00
76) Chrysene-d12	14.210	240	455638	20.000	ng		0.00
86) Perylene-d12	15.756	264	346844	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.639	112	1184461	115.737	ng		0.00
7) Phenol-d6	6.634	99	1530258	114.571	ng		0.00
23) Nitrobenzene-d5	7.575	82	1004754	76.362	ng		0.00
42) 2,4,6-Tribromophenol	10.851	330	471932	124.177	ng		0.00
45) 2-Fluorobiphenyl	9.369	172	1665503	72.064	ng		0.00
79) Terphenyl-d14	13.139	244	2163632	80.286	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	176071	31.102	ng		99
3) Pyridine	3.710	79	413691	27.530	ng		99
4) n-Nitrosodimethylamine	3.675	42	224542	39.560	ng		98
6) Aniline	6.663	93	330625	18.394	ng		99
8) 2-Chlorophenol	6.792	128	451857	42.541	ng		96
10) Phenol	6.651	94	588885	38.457	ng		99
11) bis(2-Chloroethyl)ether	6.734	93	483228	40.878	ng		99
12) 1,3-Dichlorobenzene	6.945	146	474399	41.620	ng		99
13) 1,4-Dichlorobenzene	7.022	146	474836	41.720	ng		99
14) 1,2-Dichlorobenzene	7.175	146	463869	42.467	ng		99
15) Benzyl Alcohol	7.145	79	423095	41.132	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.275	45	602663	39.979	ng		100
17) 2-Methylphenol	7.257	107	388204	39.161	ng		97
18) Hexachloroethane	7.516	117	192154	43.214	ng		98
19) n-Nitroso-di-n-propyla...	7.416	70	317799	38.662	ng		98
20) 3+4-Methylphenols	7.410	107	450496	35.176	ng		97
22) Acetophenone	7.416	105	622925	39.573	ng	#	88
24) Nitrobenzene	7.592	77	534561	37.987	ng		97
25) Isophorone	7.828	82	949014	37.620	ng		99
26) 2-Nitrophenol	7.904	139	244346	39.355	ng		95
27) 2,4-Dimethylphenol	7.939	122	379590	38.736	ng		95
28) bis(2-Chloroethoxy)met...	8.033	93	562062	38.088	ng		99
29) 2,4-Dichlorophenol	8.151	162	391711	40.184	ng		98
30) 1,2,4-Trichlorobenzene	8.228	180	428458	40.479	ng		99
31) Naphthalene	8.316	128	1223309	38.278	ng		100
32) Benzoic acid	8.069	122	315968	41.484	ng		92
33) 4-Chloroaniline	8.357	127	128562	9.388	ng		94
34) Hexachlorobutadiene	8.422	225	287194	42.698	ng		99
35) Caprolactam	8.733	113	130005m	40.454	ng		
36) 4-Chloro-3-methylphenol	8.845	107	431865	40.342	ng		97
37) 2-Methylnaphthalene	9.004	142	817046	37.515	ng		100
38) 1-Methylnaphthalene	9.104	142	776295	38.141	ng		98
40) 1,2,4,5-Tetrachloroben...	9.175	216	446748	38.802	ng		99
41) Hexachlorocyclopentadiene	9.157	237	540143	86.493	ng		98
43) 2,4,6-Trichlorophenol	9.286	196	302899	38.820	ng		98
44) 2,4,5-Trichlorophenol	9.333	196	322846	35.451	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.469	154	1009904	37.916	ng	98
47) 2-Chloronaphthalene	9.498	162	818567	38.762	ng	99
48) 2-Nitroaniline	9.592	65	281938	36.249	ng	98
49) Acenaphthylene	9.916	152	1247098	37.106	ng	100
50) Dimethylphthalate	9.769	163	990030	38.638	ng	100
51) 2,6-Dinitrotoluene	9.833	165	220951	37.863	ng	95
52) Acenaphthene	10.092	154	909980m	42.639	ng	
53) 3-Nitroaniline	10.004	138	142228	21.788	ng	96
54) 2,4-Dinitrophenol	10.116	184	293797	79.897	ng	94
55) Dibenzofuran	10.263	168	1163970	37.411	ng	98
56) 4-Nitrophenol	10.169	139	342335	70.322	ng	87
57) 2,4-Dinitrotoluene	10.245	165	305866	39.399	ng	90
58) Fluorene	10.604	166	912333	38.336	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.380	232	275216	40.683	ng	99
60) Diethylphthalate	10.469	149	972822	38.874	ng	99
61) 4-Chlorophenyl-phenyle...	10.592	204	472095	38.239	ng	97
62) 4-Nitroaniline	10.627	138	220659	34.437	ng	95
63) Azobenzene	10.757	77	995389	37.557	ng	98
65) 4,6-Dinitro-2-methylph...	10.651	198	186413	40.377	ng	94
66) n-Nitrosodiphenylamine	10.716	169	799513	37.603	ng	99
67) 4-Bromophenyl-phenylether	11.086	248	304798	39.510	ng	96
68) Hexachlorobenzene	11.157	284	346576	42.695	ng	98
69) Atrazine	11.227	200	27711	4.175	ng	96
70) Pentachlorophenol	11.351	266	363863	75.340	ng	97
71) Phenanthrene	11.574	178	1357461	38.421	ng	99
72) Anthracene	11.627	178	1373150	37.741	ng	99
73) Carbazole	11.780	167	1256521	38.305	ng	100
74) Di-n-butylphthalate	12.098	149	1529322	39.745	ng	99
75) Fluoranthene	12.768	202	1504156	38.943	ng	99
77) Benzidine	12.886	184	87476	7.887	ng	98
78) Pyrene	13.004	202	1535238	37.060	ng	99
80) Butylbenzylphthalate	13.610	149	614515	37.591	ng	100
81) Benzo(a)anthracene	14.198	228	1243619	36.478	ng	99
82) 3,3'-Dichlorobenzidine	14.151	252	261797	26.047	ng	98
83) Chrysene	14.233	228	1154273	36.207	ng	99
84) Bis(2-ethylhexyl)phtha...	14.162	149	764682	38.078	ng	99
85) Di-n-octyl phthalate	14.792	149	1065700	36.315	ng	99
87) Indeno(1,2,3-cd)pyrene	17.362	276	1015241	44.672	ng	98
88) Benzo(b)fluoranthene	15.292	252	1043730	44.904	ng	99
89) Benzo(k)fluoranthene	15.327	252	952710	41.880	ng	99
90) Benzo(a)pyrene	15.692	252	854940	39.300	ng	99
91) Dibenzo(a,h)anthracene	17.380	278	864160	46.668	ng	98
92) Benzo(g,h,i)perylene	17.850	276	857798	41.227	ng	99

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

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