Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136421.D
Acq On : 06 Dec 2023 11:09
Operator : CG\JU
Sample : PB157498BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 06 11:35:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157498BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	122974	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	524583	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	278006	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	533458	20.000	ng	0.00
76) Chrysene-d12	13.980	240	325426	20.000	ng	0.00
86) Perylene-d12	15.457	264	237651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1077170	129.360	ng	0.02
7) Phenol-d6	6.446	99	1345007	129.463	ng	0.00
23) Nitrobenzene-d5	7.369	82	822679	84.780	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	455764	132.960	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1679963	82.455	ng	0.00
79) Terphenyl-d14	12.922	244	2085555	84.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	131236	39.847	ng	98
3) Pyridine	3.428	79	291888	36.596	ng	99
4) n-Nitrosodimethylamine	3.399	42	157771	45.530	ng	98
6) Aniline	6.469	93	401940	38.282	ng	100
8) 2-Chlorophenol	6.587	128	422152	46.439	ng	97
9) Benzaldehyde	6.357	77	121283	20.419	ng	93
10) Phenol	6.457	94	501838	45.395	ng	93
11) bis(2-Chloroethyl)ether	6.546	93	384581	46.671	ng	96
12) 1,3-Dichlorobenzene	6.745	146	438283	42.871	ng	98
13) 1,4-Dichlorobenzene	6.822	146	446797	43.083	ng	99
14) 1,2-Dichlorobenzene	6.969	146	424778	43.558	ng	98
15) Benzyl Alcohol	6.951	79	317214	45.597	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	481342	45.418	ng	98
17) 2-Methylphenol	7.057	107	329856	44.914	ng	97
18) Hexachloroethane	7.310	117	157658	43.544	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	275169	45.915	ng	99
20) 3+4-Methylphenols	7.210	107	415570	45.588	ng	98
22) Acetophenone	7.216	105	581892	44.920	ng	98
24) Nitrobenzene	7.387	77	407752	41.771	ng	99
25) Isophorone	7.622	82	762127	43.716	ng	99
26) 2-Nitrophenol	7.698	139	220210	45.887	ng	98
27) 2,4-Dimethylphenol	7.740	122	366063	61.862	ng	97
28) bis(2-Chloroethoxy)met...	7.834	93	464205	43.333	ng	99
29) 2,4-Dichlorophenol	7.940	162	352692	45.155	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	390333	42.857	ng	98
31) Naphthalene	8.104	128	1242051	42.935	ng	100
32) Benzoic acid	7.881	122	270831	46.137	ng	97
33) 4-Chloroaniline	8.151	127	372034	36.073	ng	98
34) Hexachlorobutadiene	8.216	225	220914	40.928	ng	100
35) Caprolactam	8.534	113	116493m	48.431	ng	
36) 4-Chloro-3-methylphenol	8.640	107	378433	45.631	ng	98
37) 2-Methylnaphthalene	8.792	142	796400	43.273	ng	99
38) 1-Methylnaphthalene	8.892	142	743100	41.147	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	381707	44.132	ng	99
41) Hexachlorocyclopentadiene	8.945	237	412188	128.636	ng	98
43) 2,4,6-Trichlorophenol	9.075	196	248453	44.117	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	275521	43.834	ng		97
46) 1,1'-Biphenyl	9.263	154	1029007	43.500	ng		100
47) 2-Chloronaphthalene	9.287	162	776220	42.159	ng		100
48) 2-Nitroaniline	9.386	65	223953	45.353	ng		88
49) Acenaphthylene	9.698	152	1177720	44.904	ng		99
50) Dimethylphthalate	9.569	163	909266	44.424	ng		100
51) 2,6-Dinitrotoluene	9.628	165	202900	44.064	ng		96
52) Acenaphthene	9.875	154	727020	43.257	ng		99
53) 3-Nitroaniline	9.798	138	183820	39.093	ng		96
54) 2,4-Dinitrophenol	9.910	184	238610	102.491	ng		97
55) Dibenzofuran	10.045	168	1074002	43.742	ng		98
56) 4-Nitrophenol	9.969	139	329932	93.599	ng		100
57) 2,4-Dinitrotoluene	10.034	165	271170	44.517	ng		91
58) Fluorene	10.392	166	854676	43.364	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.163	232	244238	48.510	ng		98
60) Diethylphthalate	10.269	149	897066	44.571	ng		98
61) 4-Chlorophenyl-phenyle...	10.381	204	412867	42.970	ng		99
62) 4-Nitroaniline	10.422	138	212879	45.594	ng		98
63) Azobenzene	10.545	77	807594	44.084	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	160437	48.562	ng		92
66) n-Nitrosodiphenylamine	10.504	169	769020	44.926	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	268087	43.224	ng		97
68) Hexachlorobenzene	10.939	284	307609	42.911	ng	#	89
69) Atrazine	11.033	200	179113	36.661	ng		99
70) Pentachlorophenol	11.133	266	335490	82.924	ng		97
71) Phenanthrene	11.357	178	1332918	45.459	ng		99
72) Anthracene	11.404	178	1340431	45.388	ng		99
73) Carbazole	11.563	167	1170619	44.785	ng		100
74) Di-n-butylphthalate	11.898	149	1439565	44.925	ng		99
75) Fluoranthene	12.545	202	1365316	44.434	ng		99
77) Benzidine	12.669	184	222823	33.611	ng		98
78) Pyrene	12.775	202	1379848	43.295	ng		99
80) Butylbenzylphthalate	13.404	149	540190	47.613	ng		97
81) Benzo(a)anthracene	13.969	228	1009251	44.523	ng		100
82) 3,3'-Dichlorobenzidine	13.933	252	327621	51.548	ng		99
83) Chrysene	14.010	228	983151	44.083	ng		98
84) Bis(2-ethylhexyl)phtha...	13.963	149	683320	49.130	ng		99
85) Di-n-octyl phthalate	14.580	149	1050123	51.115	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	861650	52.189	ng		100
88) Benzo(b)fluoranthene	15.021	252	826146	50.844	ng		99
89) Benzo(k)fluoranthene	15.057	252	758637	49.542	ng		98
90) Benzo(a)pyrene	15.392	252	661887	49.325	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	716881	53.001	ng		99
92) Benzo(g,h,i)perylene	17.421	276	721777	51.991	ng		98

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

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