Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
Data File : BF136490.D
Acq On : 11 Dec 2023 14:59
Operator : CG\JU
Sample : PB157390BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 11 15:20:03 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 :
PB157390BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	129857	20.000	ng		0.00
21) Naphthalene-d8	8.075	136	558008	20.000	ng		0.00
39) Acenaphthene-d10	9.834	164	295608	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	552543	20.000	ng		0.00
76) Chrysene-d12	13.980	240	279416	20.000	ng		0.00
86) Perylene-d12	15.457	264	237096	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1016587	115.614	ng		0.02
7) Phenol-d6	6.451	99	1260087	114.860	ng		0.00
23) Nitrobenzene-d5	7.363	82	753001	72.951	ng		0.00
42) 2,4,6-Tribromophenol	10.634	330	417849	114.640	ng		0.00
45) 2-Fluorobiphenyl	9.157	172	1522392	70.272	ng		0.00
79) Terphenyl-d14	12.922	244	1696232	80.014	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	109667	31.533	ng		97
3) Pyridine	3.416	79	263877	31.330	ng		97
4) n-Nitrosodimethylamine	3.381	42	147988	40.443	ng		98
6) Aniline	6.463	93	309368	27.904	ng	#	3
8) 2-Chlorophenol	6.587	128	406025	42.297	ng		99
9) Benzaldehyde	6.351	77	142121	23.103	ng		94
10) Phenol	6.463	94	474512	40.648	ng		88
11) bis(2-Chloroethyl)ether	6.540	93	356196	40.935	ng		96
12) 1,3-Dichlorobenzene	6.740	146	399227	36.981	ng		97
13) 1,4-Dichlorobenzene	6.816	146	416958	38.075	ng		100
14) 1,2-Dichlorobenzene	6.963	146	394129	38.273	ng		99
15) Benzyl Alcohol	6.946	79	314502	42.811	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	424953	37.972	ng		82
17) 2-Methylphenol	7.057	107	321865	41.503	ng		95
18) Hexachloroethane	7.304	117	145940	38.171	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	252340	39.874	ng		98
20) 3+4-Methylphenols	7.210	107	391710	40.693	ng		95
22) Acetophenone	7.204	105	534710	38.805	ng	#	97
24) Nitrobenzene	7.381	77	388288	37.394	ng		98
25) Isophorone	7.616	82	715584	38.588	ng		99
26) 2-Nitrophenol	7.693	139	212042	41.538	ng		98
27) 2,4-Dimethylphenol	7.734	122	324676	51.581	ng		96
28) bis(2-Chloroethoxy)met...	7.828	93	437837	38.423	ng		98
29) 2,4-Dichlorophenol	7.940	162	335205	40.345	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	361094	37.272	ng		98
31) Naphthalene	8.098	128	1149545	37.357	ng		99
32) Benzoic acid	7.881	122	261185	41.828	ng		92
33) 4-Chloroaniline	8.145	127	272488	24.838	ng		98
34) Hexachlorobutadiene	8.210	225	207879	36.206	ng		98
35) Caprolactam	8.528	113	108464m	42.392	ng		
36) 4-Chloro-3-methylphenol	8.640	107	367903	41.704	ng		99
37) 2-Methylnaphthalene	8.787	142	743670	37.987	ng		93
38) 1-Methylnaphthalene	8.887	142	711631	37.044	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	358459	38.977	ng		99
41) Hexachlorocyclopentadiene	8.939	237	313209	91.926	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	244087	40.761	ng		98

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44)	2,4,5-Trichlorophenol	9.122	196	263830	39.475	ng		94
46)	1,1'-Biphenyl	9.257	154	961103	38.210	ng		98
47)	2-Chloronaphthalene	9.281	162	742026	37.902	ng		99
48)	2-Nitroaniline	9.381	65	210592	40.107	ng		95
49)	Acenaphthylene	9.698	152	1129593	40.504	ng		99
50)	Dimethylphthalate	9.563	163	871271	40.033	ng		99
51)	2,6-Dinitrotoluene	9.628	165	195084	39.844	ng	#	86
52)	Acenaphthene	9.869	154	682467	38.188	ng		98
53)	3-Nitroaniline	9.792	138	157214	31.444	ng		96
54)	2,4-Dinitrophenol	9.904	184	216439	87.432	ng	#	91
55)	Dibenzofuran	10.039	168	1008365	38.624	ng		98
56)	4-Nitrophenol	9.969	139	310649	82.881	ng		98
57)	2,4-Dinitrotoluene	10.034	165	255399	39.431	ng		96
58)	Fluorene	10.386	166	800723	38.207	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.163	232	229173	42.807	ng		99
60)	Diethylphthalate	10.263	149	832284	38.890	ng		99
61)	4-Chlorophenyl-phenyle...	10.375	204	394785	38.642	ng		99
62)	4-Nitroaniline	10.416	138	193522	38.980	ng		96
63)	Azobenzene	10.539	77	730519	37.502	ng		98
65)	4,6-Dinitro-2-methylph...	10.439	198	146102	42.695	ng		96
66)	n-Nitrosodiphenylamine	10.498	169	725802	40.936	ng		99
67)	4-Bromophenyl-phenylether	10.869	248	253015	39.385	ng		96
68)	Hexachlorobenzene	10.933	284	282484	38.045	ng		94
69)	Atrazine	11.033	200	202834	40.083	ng		97
70)	Pentachlorophenol	11.133	266	276373	65.952	ng		97
71)	Phenanthrene	11.351	178	1217841	40.100	ng		99
72)	Anthracene	11.404	178	1222498	39.965	ng		99
73)	Carbazole	11.563	167	1054375	38.944	ng		99
74)	Di-n-butylphthalate	11.892	149	1259629	37.952	ng		100
75)	Fluoranthene	12.545	202	1178516	37.030	ng		99
77)	Benzidine	12.669	184	63527	15.677	ng		98
78)	Pyrene	12.775	202	1179816	43.114	ng		98
80)	Butylbenzylphthalate	13.398	149	410841	42.175	ng		96
81)	Benzo(a)anthracene	13.969	228	803091	41.262	ng		99
82)	3,3'-Dichlorobenzidine	13.933	252	221919	40.666	ng		97
83)	Chrysene	14.004	228	759005	39.637	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.963	149	473148	39.620	ng		99
85)	Di-n-octyl phthalate	14.580	149	694933	39.396	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.962	276	834889	50.687	ng		99
88)	Benzo(b)fluoranthene	15.021	252	734964	45.338	ng		99
89)	Benzo(k)fluoranthene	15.051	252	622928	40.775	ng		99
90)	Benzo(a)pyrene	15.392	252	615293	45.960	ng		99
91)	Dibenzo(a,h)anthracene	16.980	278	693724	51.409	ng		99
92)	Benzo(g,h,i)perylene	17.421	276	700206	50.555	ng		99

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

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