Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136662.D
Acq On : 21 Dec 2023 10:31
Operator : CG\JU
Sample : PB157501BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 21 11:37:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157501BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	95421	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	403383	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	205829	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	402779	20.000	ng		0.00
76) Chrysene-d12	13.968	240	221328	20.000	ng		0.00
86) Perylene-d12	15.445	264	164356	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	732267	119.737	ng		0.02
7) Phenol-d6	6.445	99	913882	115.326	ng		0.00
23) Nitrobenzene-d5	7.357	82	587281	74.499	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	275990	113.853	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1084925	70.894	ng		0.00
79) Terphenyl-d14	12.915	244	1196396	75.541	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	76744	30.118	ng		99
3) Pyridine	3.416	79	193383	31.105	ng		95
4) n-Nitrosodimethylamine	3.375	42	137619	41.451	ng		97
6) Aniline	6.457	93	207751	26.222	ng	#	1
8) 2-Chlorophenol	6.581	128	291413	43.543	ng		97
9) Benzaldehyde	6.345	77	74456	16.519	ng		96
10) Phenol	6.457	94	332933	39.357	ng		94
11) bis(2-Chloroethyl)ether	6.534	93	271975	42.277	ng		99
12) 1,3-Dichlorobenzene	6.734	146	280976	38.485	ng		99
13) 1,4-Dichlorobenzene	6.810	146	291359	39.057	ng		98
14) 1,2-Dichlorobenzene	6.957	146	276460	39.827	ng		99
15) Benzyl Alcohol	6.939	79	225174	42.119	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	436508	41.502	ng		99
17) 2-Methylphenol	7.057	107	228629	41.237	ng		95
18) Hexachloroethane	7.298	117	105517	38.948	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	197015	41.013	ng		98
20) 3+4-Methylphenols	7.210	107	276825	39.966	ng	#	76
22) Acetophenone	7.204	105	391963	38.767	ng		98
24) Nitrobenzene	7.375	77	299331	37.906	ng		99
25) Isophorone	7.616	82	549951	38.340	ng		99
26) 2-Nitrophenol	7.686	139	152846	40.455	ng		92
27) 2,4-Dimethylphenol	7.733	122	230790	50.175	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	335783	38.512	ng		99
29) 2,4-Dichlorophenol	7.933	162	229783	38.804	ng		97
30) 1,2,4-Trichlorobenzene	8.010	180	248093	37.602	ng		97
31) Naphthalene	8.092	128	822706	37.124	ng		100
32) Benzoic acid	7.881	122	182955	41.109	ng		98
33) 4-Chloroaniline	8.145	127	192025	23.469	ng		98
34) Hexachlorobutadiene	8.204	225	144296	35.996	ng		99
35) Caprolactam	8.528	113	80456m	41.185	ng		
36) 4-Chloro-3-methylphenol	8.639	107	262002	39.301	ng		99
37) 2-Methylnaphthalene	8.780	142	529883	37.153	ng		100
38) 1-Methylnaphthalene	8.880	142	500164	35.746	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	248525	38.988	ng		99
41) Hexachlorocyclopentadiene	8.933	237	191552	93.375	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	163044	39.883	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	185707	40.765	ng	#	95
46) 1,1'-Biphenyl	9.251	154	663653	38.423	ng		99
47) 2-Chloronaphthalene	9.275	162	500270	38.100	ng		99
48) 2-Nitroaniline	9.375	65	169857	41.309	ng		99
49) Acenaphthylene	9.692	152	812188	40.468	ng		100
50) Dimethylphthalate	9.557	163	607882	40.433	ng		99
51) 2,6-Dinitrotoluene	9.622	165	135624	39.749	ng		96
52) Acenaphthene	9.863	154	471969	37.937	ng		99
53) 3-Nitroaniline	9.792	138	118821	32.874	ng		90
54) 2,4-Dinitrophenol	9.904	184	153727	81.232	ng		94
55) Dibenzofuran	10.033	168	730651	38.743	ng		98
56) 4-Nitrophenol	9.969	139	202859	83.141	ng		96
57) 2,4-Dinitrotoluene	10.027	165	170886	38.579	ng		95
58) Fluorene	10.380	166	578717	38.675	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	156120	44.520	ng		99
60) Diethylphthalate	10.257	149	618552	39.653	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	269221	37.015	ng		99
62) 4-Nitroaniline	10.416	138	130011m	37.313	ng		
63) Azobenzene	10.533	77	576190	39.548	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	100335	43.467	ng		90
66) n-Nitrosodiphenylamine	10.492	169	527469	40.314	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	172290	38.516	ng		97
68) Hexachlorobenzene	10.927	284	192268	38.570	ng		98
69) Atrazine	11.027	200	136030	40.648	ng		98
70) Pentachlorophenol	11.127	266	170938	73.568	ng		99
71) Phenanthrene	11.345	178	838146	40.555	ng		100
72) Anthracene	11.398	178	840372	40.152	ng		100
73) Carbazole	11.557	167	783302	39.695	ng		100
74) Di-n-butylphthalate	11.886	149	982263	40.793	ng		99
75) Fluoranthene	12.533	202	866744	39.208	ng		97
77) Benzidine	12.657	184	30877	4.731	ng		97
78) Pyrene	12.763	202	862801	39.711	ng		99
80) Butylbenzylphthalate	13.392	149	349438	44.200	ng		97
81) Benzo(a)anthracene	13.962	228	618318	40.232	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	171104	39.203	ng		98
83) Chrysene	13.998	228	596020	39.658	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	431654	43.395	ng		99
85) Di-n-octyl phthalate	14.568	149	673828	43.793	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	566235	47.716	ng		99
88) Benzo(b)fluoranthene	15.015	252	513085	46.740	ng		100
89) Benzo(k)fluoranthene	15.045	252	477011	45.987	ng		98
90) Benzo(a)pyrene	15.386	252	430461	46.455	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	475882	48.881	ng		98
92) Benzo(g,h,i)perylene	17.409	276	464327	46.567	ng		100

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

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