Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
Data File : BF136613.D
Acq On : 18 Dec 2023 14:24
Operator : CG\JU
Sample : PB157801BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 18 14:50:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 00:33:23 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157801BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	139897	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	590724	20.000	ng		0.00
39) Acenaphthene-d10	9.827	164	308731	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	569092	20.000	ng		0.00
76) Chrysene-d12	13.974	240	288301	20.000	ng		0.00
86) Perylene-d12	15.451	264	250353	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1050945	110.943	ng		0.02
7) Phenol-d6	6.445	99	1269421	107.407	ng		0.01
23) Nitrobenzene-d5	7.357	82	779538	71.340	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	420610	110.493	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1582894	69.959	ng		0.00
79) Terphenyl-d14	12.916	244	1772740	81.046	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	107182	28.606	ng		95
3) Pyridine	3.404	79	260243	28.681	ng		94
4) n-Nitrosodimethylamine	3.363	42	146545	37.174	ng		96
6) Aniline	6.457	93	302624	25.336	ng	#	1
8) 2-Chlorophenol	6.581	128	421565	40.765	ng		99
9) Benzaldehyde	6.339	77	114982	16.474	ng		97
10) Phenol	6.457	94	463288	36.838	ng		91
11) bis(2-Chloroethyl)ether	6.534	93	371022	39.579	ng		96
12) 1,3-Dichlorobenzene	6.734	146	429444	36.925	ng		97
13) 1,4-Dichlorobenzene	6.810	146	442039	37.468	ng		100
14) 1,2-Dichlorobenzene	6.957	146	421533	37.996	ng		99
15) Benzyl Alcohol	6.939	79	322821	40.790	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	438500	36.370	ng		88
17) 2-Methylphenol	7.057	107	328024	39.261	ng	#	93
18) Hexachloroethane	7.298	117	153441	37.252	ng		89
19) n-Nitroso-di-n-propyla...	7.210	70	258209	37.873	ng		98
20) 3+4-Methylphenols	7.210	107	394272	38.019	ng	#	76
22) Acetophenone	7.198	105	555403	38.075	ng	#	96
24) Nitrobenzene	7.375	77	398787	36.278	ng		98
25) Isophorone	7.610	82	741454	37.768	ng		99
26) 2-Nitrophenol	7.686	139	226258	41.868	ng		98
27) 2,4-Dimethylphenol	7.733	122	334727	50.233	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	464844	38.534	ng		99
29) 2,4-Dichlorophenol	7.933	162	346293	39.372	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	389378	37.966	ng		97
31) Naphthalene	8.092	128	1194071	36.655	ng		99
32) Benzoic acid	7.881	122	262714	39.743	ng		93
33) 4-Chloroaniline	8.139	127	264431	22.769	ng		98
34) Hexachlorobutadiene	8.204	225	223456	36.763	ng		99
35) Caprolactam	8.528	113	108937m	40.219	ng		
36) 4-Chloro-3-methylphenol	8.639	107	364288	39.008	ng		98
37) 2-Methylnaphthalene	8.786	142	775409	37.415	ng		95
38) 1-Methylnaphthalene	8.886	142	740595	36.417	ng		96
40) 1,2,4,5-Tetrachloroben...	8.951	216	379051	39.464	ng		99
41) Hexachlorocyclopentadiene	8.933	237	323764	90.985	ng		99
43) 2,4,6-Trichlorophenol	9.069	196	250239	40.012	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	266530	38.184	ng	#	91
46) 1,1'-Biphenyl	9.251	154	991970	37.761	ng		98
47) 2-Chloronaphthalene	9.275	162	759033	37.123	ng		96
48) 2-Nitroaniline	9.375	65	213555	38.943	ng		95
49) Acenaphthylene	9.692	152	1141810	39.202	ng		99
50) Dimethylphthalate	9.557	163	918044	40.389	ng		99
51) 2,6-Dinitrotoluene	9.622	165	198269	38.773	ng		99
52) Acenaphthene	9.863	154	702277	37.626	ng		95
53) 3-Nitroaniline	9.792	138	168734	32.313	ng		96
54) 2,4-Dinitrophenol	9.904	184	213187	82.457	ng		95
55) Dibenzofuran	10.039	168	1018394	37.350	ng		99
56) 4-Nitrophenol	9.969	139	293233	74.909	ng		96
57) 2,4-Dinitrotoluene	10.027	165	259555	38.369	ng	#	93
58) Fluorene	10.380	166	818040	37.374	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	226644	40.536	ng		98
60) Diethylphthalate	10.263	149	868677	38.865	ng		98
61) 4-Chlorophenyl-phenyle...	10.374	204	413309	38.735	ng		92
62) 4-Nitroaniline	10.416	138	193766	37.370	ng		97
63) Azobenzene	10.533	77	744637	36.602	ng		97
65) 4,6-Dinitro-2-methylph...	10.439	198	150354	42.660	ng		95
66) n-Nitrosodiphenylamine	10.498	169	751855	41.173	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	260998	39.446	ng		92
68) Hexachlorobenzene	10.927	284	301897	39.478	ng		97
69) Atrazine	11.027	200	210789	40.443	ng		99
70) Pentachlorophenol	11.127	266	262111	60.730	ng		98
71) Phenanthrene	11.345	178	1249700	39.952	ng		99
72) Anthracene	11.398	178	1244582	39.504	ng		98
73) Carbazole	11.557	167	1060443	38.029	ng		99
74) Di-n-butylphthalate	11.886	149	1374493	40.208	ng		99
75) Fluoranthene	12.539	202	1198445	36.561	ng		98
77) Benzidine	12.663	184	71080	16.712	ng		98
78) Pyrene	12.768	202	1180185	41.799	ng		98
80) Butylbenzylphthalate	13.392	149	450756	44.846	ng		96
81) Benzo(a)anthracene	13.963	228	815128	40.590	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	237074	42.105	ng		100
83) Chrysene	14.004	228	770314	38.988	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	568502	46.138	ng	#	98
85) Di-n-octyl phthalate	14.574	149	863240	47.429	ng		98
87) Indeno(1,2,3-cd)pyrene	16.968	276	878292	50.498	ng		99
88) Benzo(b)fluoranthene	15.021	252	727398	42.495	ng		100
89) Benzo(k)fluoranthene	15.051	252	690758	42.820	ng		100
90) Benzo(a)pyrene	15.392	252	632800	44.764	ng		100
91) Dibenzo(a,h)anthracene	16.992	278	745243	52.303	ng		99
92) Benzo(g,h,i)perylene	17.433	276	726475	49.674	ng		99

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

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