Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
Data File : BF136663.D
Acq On : 21 Dec 2023 11:03
Operator : CG\JU
Sample : PB157501BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 11:40:01 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 :
PB157501BSD

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	6.793	152	97569	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	402122	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	204798	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	399178	20.000	ng		0.00
76) Chrysene-d12	13.969	240	208329	20.000	ng		0.00
86) Perylene-d12	15.445	264	158462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	733078	117.231	ng		0.02
7) Phenol-d6	6.445	99	919008	113.419	ng		0.00
23) Nitrobenzene-d5	7.363	82	583105	74.202	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	273232	113.282	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1096023	71.980	ng		0.00
79) Terphenyl-d14	12.916	244	1149626	77.117	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	76001	29.170	ng		98
3) Pyridine	3.416	79	190326	29.939	ng		97
4) n-Nitrosodimethylamine	3.375	42	139043	40.957	ng		95
6) Aniline	6.457	93	212761	26.263	ng	#	1
8) 2-Chlorophenol	6.581	128	293452	42.882	ng		97
9) Benzaldehyde	6.345	77	74643	16.196	ng		99
10) Phenol	6.457	94	338710	39.158	ng		95
11) bis(2-Chloroethyl)ether	6.534	93	269159	40.918	ng		100
12) 1,3-Dichlorobenzene	6.734	146	281416	37.697	ng		99
13) 1,4-Dichlorobenzene	6.810	146	291628	38.233	ng		99
14) 1,2-Dichlorobenzene	6.957	146	278188	39.194	ng		99
15) Benzyl Alcohol	6.940	79	227099	41.544	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	444194	41.303	ng		97
17) 2-Methylphenol	7.057	107	236169	41.659	ng		97
18) Hexachloroethane	7.298	117	104111	37.583	ng		91
19) n-Nitroso-di-n-propyla...	7.216	70	197630	40.236	ng		96
20) 3+4-Methylphenols	7.210	107	284416	40.158	ng	#	77
22) Acetophenone	7.204	105	392503	38.942	ng		98
24) Nitrobenzene	7.381	77	301624	38.316	ng		94
25) Isophorone	7.616	82	554834	38.802	ng		100
26) 2-Nitrophenol	7.692	139	152761	40.560	ng		100
27) 2,4-Dimethylphenol	7.734	122	232597	50.727	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	337571	38.838	ng		99
29) 2,4-Dichlorophenol	7.934	162	234711	39.760	ng		98
30) 1,2,4-Trichlorobenzene	8.010	180	250882	38.144	ng		98
31) Naphthalene	8.092	128	838769	37.968	ng		100
32) Benzoic acid	7.881	122	183734	41.413	ng		97
33) 4-Chloroaniline	8.145	127	191400	23.466	ng		96
34) Hexachlorobutadiene	8.204	225	145970	36.528	ng		97
35) Caprolactam	8.528	113	80050m	41.106	ng		
36) 4-Chloro-3-methylphenol	8.639	107	263918	39.713	ng		98
37) 2-Methylnaphthalene	8.781	142	532476	37.452	ng		99
38) 1-Methylnaphthalene	8.881	142	507090	36.354	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	252325	39.783	ng		99
41) Hexachlorocyclopentadiene	8.934	237	197666	96.658	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	166966	41.048	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	184683	40.744	ng	#	93
46) 1,1'-Biphenyl	9.251	154	670804	39.033	ng		99
47) 2-Chloronaphthalene	9.275	162	499613	38.241	ng		99
48) 2-Nitroaniline	9.375	65	171409	41.897	ng		99
49) Acenaphthylene	9.692	152	818767	41.001	ng		100
50) Dimethylphthalate	9.557	163	606738	40.560	ng		99
51) 2,6-Dinitrotoluene	9.622	165	134227	39.537	ng		91
52) Acenaphthene	9.863	154	478837	38.682	ng		100
53) 3-Nitroaniline	9.792	138	117136	32.571	ng		91
54) 2,4-Dinitrophenol	9.904	184	152479	80.990	ng		91
55) Dibenzofuran	10.033	168	730129	38.910	ng		99
56) 4-Nitrophenol	9.969	139	196584	80.974	ng		95
57) 2,4-Dinitrotoluene	10.028	165	169529	38.466	ng		96
58) Fluorene	10.381	166	575325	38.642	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154713	44.341	ng		100
60) Diethylphthalate	10.257	149	612362	39.454	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	272248	37.619	ng		100
62) 4-Nitroaniline	10.410	138	127503m	36.777	ng		
63) Azobenzene	10.533	77	583426	40.246	ng		99
65) 4,6-Dinitro-2-methylph...	10.439	198	96625	42.237	ng		91
66) n-Nitrosodiphenylamine	10.492	169	517262	39.890	ng		98
67) 4-Bromophenyl-phenylether	10.863	248	172576	38.928	ng		98
68) Hexachlorobenzene	10.928	284	191588	38.780	ng		98
69) Atrazine	11.028	200	132542	39.963	ng		98
70) Pentachlorophenol	11.128	266	165746	71.977	ng		96
71) Phenanthrene	11.345	178	822382	40.151	ng		99
72) Anthracene	11.398	178	818018	39.436	ng		99
73) Carbazole	11.557	167	755365	38.624	ng		100
74) Di-n-butylphthalate	11.886	149	969099	40.609	ng		99
75) Fluoranthene	12.533	202	838256	38.261	ng		97
77) Benzidine	12.657	184	30839	5.020	ng	#	95
78) Pyrene	12.763	202	836000	40.878	ng		99
80) Butylbenzylphthalate	13.386	149	330381	44.397	ng		94
81) Benzo(a)anthracene	13.963	228	575753	39.800	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	162806	39.629	ng	#	99
83) Chrysene	13.998	228	556433	39.334	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	412439	44.051	ng		99
85) Di-n-octyl phthalate	14.568	149	643072	44.402	ng		99
87) Indeno(1,2,3-cd)pyrene	16.951	276	558450	48.811	ng		99
88) Benzo(b)fluoranthene	15.016	252	491993	46.485	ng		99
89) Benzo(k)fluoranthene	15.045	252	452299	45.227	ng		98
90) Benzo(a)pyrene	15.386	252	413148	46.245	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	462413	49.264	ng		98
92) Benzo(g,h,i)perylene	17.409	276	457166	47.554	ng		100

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

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