Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092023\
Data File : BF135359.D
Acq On : 20 Sep 2023 16:04
Operator : CG\JU
Sample : 04351-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 20 16:52:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
CPT101-02MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	147246	20.000	ng		0.00
21) Naphthalene-d8	8.040	136	551788	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	248430	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	403473	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	240908	20.000	ng		0.00
86) Perylene-d12	15.410	264	306222	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	545679	60.274	ng		0.01
7) Phenol-d6	6.404	99	756538	65.719	ng		0.00
23) Nitrobenzene-d5	7.322	82	475333	46.802	ng		-0.01
42) 2,4,6-Tribromophenol	10.592	330	97534	39.507	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	807709	49.052	ng		-0.01
79) Terphenyl-d14	12.880	244	581447	37.415	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	170361	42.926	ng		97
3) Pyridine	3.305	79	432601	40.500	ng		99
4) n-Nitrosodimethylamine	3.275	42	270777	47.771	ng		97
6) Aniline	6.428	93	435769	28.867	ng	#	88
8) 2-Chlorophenol	6.545	128	441311	45.664	ng		99
9) Benzaldehyde	6.316	77	175251	26.723	ng		96
10) Phenol	6.422	94	519722	41.172	ng		86
11) bis(2-Chloroethyl)ether	6.498	93	429797	45.391	ng		99
12) 1,3-Dichlorobenzene	6.698	146	440011	44.799	ng		98
13) 1,4-Dichlorobenzene	6.775	146	442566	44.289	ng		99
14) 1,2-Dichlorobenzene	6.928	146	417210	44.959	ng		98
15) Benzyl Alcohol	6.910	79	352883	42.718	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.040	45	811575	45.472	ng		96
17) 2-Methylphenol	7.022	107	344934	40.445	ng		97
18) Hexachloroethane	7.263	117	164632	44.589	ng		91
19) n-Nitroso-di-n-propyla...	7.181	70	275351	38.617	ng		96
20) 3+4-Methylphenols	7.175	107	385784	37.619	ng		93
22) Acetophenone	7.169	105	535223	42.427	ng	#	96
24) Nitrobenzene	7.345	77	455242	45.350	ng		100
25) Isophorone	7.587	82	822751	44.116	ng		99
26) 2-Nitrophenol	7.657	139	226607	47.034	ng		99
27) 2,4-Dimethylphenol	7.704	122	333875	41.227	ng		95
28) bis(2-Chloroethoxy)met...	7.792	93	510936	45.773	ng		100
29) 2,4-Dichlorophenol	7.904	162	335177	44.666	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	355908	45.376	ng		98
31) Naphthalene	8.063	128	1145498	42.727	ng		99
32) Benzoic acid	7.840	122	237010	38.866	ng		97
33) 4-Chloroaniline	8.116	127	274279	23.318	ng		97
34) Hexachlorobutadiene	8.175	225	204946	43.334	ng		99
35) Caprolactam	8.498	113	117117m	46.503	ng		
36) 4-Chloro-3-methylphenol	8.610	107	364025	43.647	ng		96
37) 2-Methylnaphthalene	8.751	142	715025	39.676	ng		100
38) 1-Methylnaphthalene	8.851	142	683907	40.534	ng		99
40) 1,2,4,5-Tetrachloroben...	8.922	216	336266	46.722	ng		99
41) Hexachlorocyclopentadiene	8.898	237	132725	45.373	ng		98
43) 2,4,6-Trichlorophenol	9.039	196	221407	46.985	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	240215	44.265	ng		97
46) 1,1'-Biphenyl	9.222	154	879106	46.047	ng		98
47) 2-Chloronaphthalene	9.245	162	665614	48.052	ng		100
48) 2-Nitroaniline	9.345	65	251569	46.748	ng		96
49) Acenaphthylene	9.657	152	1052033	45.699	ng		100
50) Dimethylphthalate	9.528	163	796269	47.407	ng		100
51) 2,6-Dinitrotoluene	9.592	165	168541	45.805	ng		95
52) Acenaphthene	9.834	154	603144	44.350	ng		98
53) 3-Nitroaniline	9.763	138	147769	34.212	ng		92
54) 2,4-Dinitrophenol	9.875	184	81858	42.375	ng		94
55) Dibenzofuran	10.004	168	862162	41.545	ng		97
56) 4-Nitrophenol	9.939	139	221723	80.772	ng		97
57) 2,4-Dinitrotoluene	9.998	165	190728	41.405	ng		85
58) Fluorene	10.351	166	668326	41.891	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.128	232	176400	42.257	ng		99
60) Diethylphthalate	10.228	149	759870	45.078	ng		99
61) 4-Chlorophenyl-phenyle...	10.339	204	312882	40.826	ng		100
62) 4-Nitroaniline	10.381	138	163052	39.273	ng		96
63) Azobenzene	10.504	77	741349	44.937	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	66441	31.004	ng		95
66) n-Nitrosodiphenylamine	10.463	169	621302	50.864	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	196211	48.896	ng		99
68) Hexachlorobenzene	10.898	284	198997	48.676	ng		95
69) Atrazine	10.998	200	186767	56.825	ng		98
70) Pentachlorophenol	11.098	266	174212	71.225	ng		99
71) Phenanthrene	11.316	178	879311	46.079	ng		100
72) Anthracene	11.369	178	880954	44.913	ng		100
73) Carbazole	11.528	167	807487	45.223	ng		99
74) Di-n-butylphthalate	11.857	149	1061471	50.449	ng		99
75) Fluoranthene	12.510	202	820825	41.281	ng		100
77) Benzidine	12.633	184	428323	86.785	ng		99
78) Pyrene	12.739	202	836697	36.479	ng		99
80) Butylbenzylphthalate	13.363	149	347948	43.087	ng		95
81) Benzo(a)anthracene	13.933	228	718941	46.216	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	263242	54.176	ng	#	97
83) Chrysene	13.974	228	717561	46.395	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	451698	54.508	ng		99
85) Di-n-octyl phthalate	14.545	149	875576	66.486	ng		100
87) Indeno(1,2,3-cd)pyrene	16.898	276	712579	35.491	ng		96
88) Benzo(b)fluoranthene	14.986	252	847476	51.124	ng		98
89) Benzo(k)fluoranthene	15.016	252	669076	40.860	ng		98
90) Benzo(a)pyrene	15.351	252	694983	43.963	ng		98
91) Dibenzo(a,h)anthracene	16.910	278	587814	35.781	ng		100
92) Benzo(g,h,i)perylene	17.345	276	537925	31.353	ng		97

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

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