Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
Data File : BF135305.D
Acq On : 18 Sep 2023 14:23
Operator : CG\JU
Sample : PB155361BSD
Misc :
ALS Vial : 9 Sample Multiplier: 2

Quant Time: Sep 18 14:51:21 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 :
PB155361BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
Supervised By :mohammad ahmed 09/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	293742	40.000	ng		0.00
21) Naphthalene-d8	8.039	136	1137344	40.000	ng		0.00
39) Acenaphthene-d10	9.798	164	571616	40.000	ng		0.00
64) Phenanthrene-d10	11.292	188	1084265	40.000	ng		0.00
76) Chrysene-d12	13.951	240	537526	40.000	ng		0.00
86) Perylene-d12	15.415	264	541137	40.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	1116923	123.688	ng		0.02
7) Phenol-d6	6.410	99	1389793	121.037	ng		0.00
23) Nitrobenzene-d5	7.328	82	908099	86.757	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	346533	122.008	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	1534382	80.997	ng		0.00
79) Terphenyl-d14	12.886	244	1563629	90.188	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	153431	38.758	ng		96
3) Pyridine	3.299	79	405970	38.104	ng		99
4) n-Nitrosodimethylamine	3.257	42	272956	48.279	ng		100
6) Aniline	6.428	93	535420	35.559	ng	#	70
8) 2-Chlorophenol	6.545	128	460424	47.763	ng		100
9) Benzaldehyde	6.316	77	281834	43.085	ng		98
10) Phenol	6.422	94	521464	41.416	ng		83
11) bis(2-Chloroethyl)ether	6.504	93	453377	48.004	ng		100
12) 1,3-Dichlorobenzene	6.698	146	450229	45.957	ng		98
13) 1,4-Dichlorobenzene	6.781	146	441879	44.333	ng		98
14) 1,2-Dichlorobenzene	6.928	146	426076	46.031	ng		99
15) Benzyl Alcohol	6.910	79	386857	46.951	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	854801	48.017	ng		97
17) 2-Methylphenol	7.022	107	362141	42.571	ng		98
18) Hexachloroethane	7.263	117	172478	46.833	ng		90
19) n-Nitroso-di-n-propyla...	7.181	70	294177	41.362	ng		94
20) 3+4-Methylphenols	7.175	107	407378	39.826	ng		97
22) Acetophenone	7.175	105	571889	43.987	ng		97
24) Nitrobenzene	7.345	77	477010	46.107	ng		100
25) Isophorone	7.587	82	900198	46.836	ng		99
26) 2-Nitrophenol	7.663	139	247777	49.901	ng		92
27) 2,4-Dimethylphenol	7.704	122	397576	47.636	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	547635	47.604	ng		99
29) 2,4-Dichlorophenol	7.904	162	359379	46.469	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	380674	47.093	ng		98
31) Naphthalene	8.063	128	1243845	45.018	ng		99
32) Benzoic acid	7.845	122	310864	49.463	ng		99
33) 4-Chloroaniline	8.116	127	456586	37.664	ng		99
34) Hexachlorobutadiene	8.175	225	218699	44.869	ng		99
35) Caprolactam	8.492	113	137725m	53.062	ng		
36) 4-Chloro-3-methylphenol	8.610	107	400694	46.617	ng		94
37) 2-Methylnaphthalene	8.751	142	817272	44.004	ng		97
38) 1-Methylnaphthalene	8.851	142	748406	43.040	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	376443	45.464	ng		98
41) Hexachlorocyclopentadiene	8.904	237	295175	88.205	ng		96
43) 2,4,6-Trichlorophenol	9.033	196	256549	47.322	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	284272	45.533	ng		98
46) 1,1'-Biphenyl	9.222	154	982739	44.743	ng		99
47) 2-Chloronaphthalene	9.245	162	754846	47.367	ng		99
48) 2-Nitroaniline	9.345	65	308258	49.790	ng		93
49) Acenaphthylene	9.663	152	1178512	44.498	ng		99
50) Dimethylphthalate	9.528	163	913774	47.288	ng		99
51) 2,6-Dinitrotoluene	9.592	165	205166	48.467	ng		97
52) Acenaphthene	9.833	154	723466	46.241	ng		99
53) 3-Nitroaniline	9.763	138	209820	42.226	ng		97
54) 2,4-Dinitrophenol	9.880	184	232399	101.650	ng		96
55) Dibenzofuran	10.004	168	1034252	43.319	ng		97
56) 4-Nitrophenol	9.939	139	317406	100.507	ng		99
57) 2,4-Dinitrotoluene	10.004	165	241707	45.609	ng		86
58) Fluorene	10.351	166	818897	44.616	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.128	232	228525	47.584	ng		99
60) Diethylphthalate	10.228	149	926757	47.788	ng		98
61) 4-Chlorophenyl-phenyle...	10.339	204	384696	43.632	ng		98
62) 4-Nitroaniline	10.386	138	235044	49.209	ng		98
63) Azobenzene	10.504	77	913853	48.149	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	154393	53.619	ng		91
66) n-Nitrosodiphenylamine	10.469	169	777043	47.344	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	251802	46.700	ng		97
68) Hexachlorobenzene	10.898	284	263638	47.994	ng	#	89
69) Atrazine	11.004	200	251544	56.959	ng		97
70) Pentachlorophenol	11.098	266	259304	78.899	ng		98
71) Phenanthrene	11.316	178	1211665	47.256	ng		98
72) Anthracene	11.369	178	1240322	47.061	ng		100
73) Carbazole	11.527	167	1171623	48.834	ng		100
74) Di-n-butylphthalate	11.857	149	1394476	49.325	ng		99
75) Fluoranthene	12.510	202	1273947	47.683	ng		99
77) Benzidine	12.639	184	513224	93.210	ng		98
78) Pyrene	12.739	202	1284599	50.203	ng		99
80) Butylbenzylphthalate	13.363	149	490883	54.487	ng		94
81) Benzo(a)anthracene	13.939	228	784046	45.178	ng		98
82) 3,3'-Dichlorobenzidine	13.904	252	250821	46.270	ng		99
83) Chrysene	13.974	228	774620	44.894	ng		99
84) Bis(2-ethylhexyl)phtha...	13.927	149	530448	57.377	ng		98
85) Di-n-octyl phthalate	14.545	149	800227	54.466	ng		99
87) Indeno(1,2,3-cd)pyrene	16.898	276	832962	46.953	ng		97
88) Benzo(b)fluoranthene	14.986	252	658157	44.935	ng		98
89) Benzo(k)fluoranthene	15.015	252	648749	44.839	ng		98
90) Benzo(a)pyrene	15.351	252	607747	43.511	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	679309	46.799	ng		99
92) Benzo(g,h,i)perylene	17.345	276	703857	46.430	ng		97

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

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