Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
Data File : BF135467.D
Acq On : 27 Sep 2023 12:02
Operator : CG\JU
Sample : PB155849BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 28 10:44:06 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 26 01:36:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155849BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/28/2023
Supervised By :mohammad ahmed
09/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.757	152	166775	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	640872	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	309872	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	562529	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	293673	20.000	ng		0.00
86) Perylene-d12	15.410	264	287805	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1334413	130.137	ng		0.02
7) Phenol-d6	6.410	99	1666430	127.809	ng		0.00
23) Nitrobenzene-d5	7.328	82	1075758	91.197	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	348231	113.085	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1707212	83.122	ng		0.00
79) Terphenyl-d14	12.886	244	1617503	85.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	201910	44.918	ng		94
3) Pyridine	3.304	79	513991	42.485	ng		92
4) n-Nitrosodimethylamine	3.257	42	330762	51.521	ng		95
6) Aniline	6.422	93	527610	30.858	ng	#	6
8) 2-Chlorophenol	6.545	128	546169	49.896	ng		98
9) Benzaldehyde	6.310	77	150820	20.305	ng		98
10) Phenol	6.422	94	613681	42.923	ng		85
11) bis(2-Chloroethyl)ether	6.498	93	546321	50.941	ng		100
12) 1,3-Dichlorobenzene	6.692	146	527251	47.396	ng		98
13) 1,4-Dichlorobenzene	6.775	146	539114	47.633	ng		98
14) 1,2-Dichlorobenzene	6.922	146	503965	47.948	ng		98
15) Benzyl Alcohol	6.910	79	431152	46.082	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.034	45	976492	48.306	ng		86
17) 2-Methylphenol	7.022	107	435353	45.070	ng		95
18) Hexachloroethane	7.257	117	205411	49.119	ng		90
19) n-Nitroso-di-n-propyla...	7.175	70	341791	42.322	ng		94
20) 3+4-Methylphenols	7.175	107	488922	42.093	ng	#	88
22) Acetophenone	7.169	105	683920	46.678	ng		94
24) Nitrobenzene	7.345	77	568788	48.785	ng		98
25) Isophorone	7.581	82	1054965	48.704	ng		98
26) 2-Nitrophenol	7.657	139	288016	51.470	ng		95
27) 2,4-Dimethylphenol	7.698	122	430916	45.814	ng		95
28) bis(2-Chloroethoxy)met...	7.792	93	643673	49.649	ng		99
29) 2,4-Dichlorophenol	7.904	162	418856	48.058	ng		98
30) 1,2,4-Trichlorobenzene	7.981	180	436053	47.866	ng		99
31) Naphthalene	8.057	128	1463619	47.004	ng		99
32) Benzoic acid	7.845	122	317259	44.794	ng		99
33) 4-Chloroaniline	8.110	127	318880	23.341	ng		98
34) Hexachlorobutadiene	8.169	225	246474	44.870	ng		99
35) Caprolactam	8.492	113	145481m	49.736	ng		
36) 4-Chloro-3-methylphenol	8.610	107	463730	47.873	ng		98
37) 2-Methylnaphthalene	8.751	142	907139	43.340	ng		99
38) 1-Methylnaphthalene	8.851	142	870211	44.407	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	424710	47.310	ng		98
41) Hexachlorocyclopentadiene	8.898	237	257974	66.581	ng		98
43) 2,4,6-Trichlorophenol	9.034	196	276499	47.041	ng		98

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44)	2,4,5-Trichlorophenol	9.086	196	292473	43.208	ng		98
46)	1,1'-Biphenyl	9.216	154	1112882	46.734	ng		97
47)	2-Chloronaphthalene	9.239	162	839747	48.603	ng		98
48)	2-Nitroaniline	9.345	65	328314	48.912	ng		97
49)	Acenaphthylene	9.657	152	1348777	46.972	ng		99
50)	Dimethylphthalate	9.522	163	972950	46.440	ng		99
51)	2,6-Dinitrotoluene	9.592	165	219679	47.865	ng		88
52)	Acenaphthene	9.828	154	792159	46.699	ng		96
53)	3-Nitroaniline	9.763	138	183346	34.033	ng		92
54)	2,4-Dinitrophenol	9.881	184	205798	79.066	ng		93
55)	Dibenzofuran	10.004	168	1109586	42.866	ng		99
56)	4-Nitrophenol	9.945	139	277990	81.190	ng		98
57)	2,4-Dinitrotoluene	10.004	165	243892	42.448	ng		90
58)	Fluorene	10.345	166	902583	45.357	ng		97
59)	2,3,4,6-Tetrachlorophenol	10.128	232	234594	45.054	ng		99
60)	Diethylphthalate	10.228	149	955653	45.452	ng		99
61)	4-Chlorophenyl-phenyle...	10.339	204	413639	43.272	ng		93
62)	4-Nitroaniline	10.380	138	241491	46.633	ng		95
63)	Azobenzene	10.498	77	987250	47.977	ng		97
65)	4,6-Dinitro-2-methylph...	10.416	198	140892	47.156	ng		91
66)	n-Nitrosodiphenylamine	10.463	169	834901	49.024	ng		100
67)	4-Bromophenyl-phenylether	10.828	248	260433	46.549	ng		96
68)	Hexachlorobenzene	10.898	284	273673	48.015	ng		96
69)	Atrazine	10.998	200	256713	56.022	ng		97
70)	Pentachlorophenol	11.098	266	249652	73.208	ng		98
71)	Phenanthrene	11.316	178	1289653	48.474	ng		99
72)	Anthracene	11.363	178	1325344	48.463	ng		100
73)	Carbazole	11.527	167	1251367	50.266	ng		99
74)	Di-n-butylphthalate	11.857	149	1478046	50.386	ng		99
75)	Fluoranthene	12.510	202	1358340	48.998	ng		100
77)	Benzidine	12.633	184	440800	73.266	ng		99
78)	Pyrene	12.739	202	1369884	48.995	ng		100
80)	Butylbenzylphthalate	13.363	149	561184	57.006	ng		99
81)	Benzo(a)anthracene	13.933	228	950081	50.101	ng		98
82)	3,3'-Dichlorobenzidine	13.898	252	224771	37.947	ng	#	99
83)	Chrysene	13.974	228	928111	49.227	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.921	149	679617	67.276	ng		99
85)	Di-n-octyl phthalate	14.539	149	1033152	64.355	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.904	276	996789	52.823	ng		96
88)	Benzo(b)fluoranthene	14.986	252	789193m	50.654	ng		
89)	Benzo(k)fluoranthene	15.015	252	727845	47.293	ng		99
90)	Benzo(a)pyrene	15.351	252	702696	47.296	ng		99
91)	Dibenzo(a,h)anthracene	16.909	278	793443	51.389	ng		96
92)	Benzo(g,h,i)perylene	17.351	276	837338	51.928	ng		96

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

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