Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
Data File : BF133094.D
Acq On : 27 Apr 2023 12:15
Operator : CG\JU
Sample : PB152410BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 28 02:05:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152410BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/28/2023
Supervised By :Jagrut Upadhyay 04/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	197994	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	795223	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	414621	20.000	ng		0.00
64) Phenanthrene-d10	11.257	188	743732	20.000	ng		0.00
76) Chrysene-d12	13.898	240	522731	20.000	ng		0.00
86) Perylene-d12	15.310	264	466023	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1610777	122.895	ng		0.02
7) Phenol-d6	6.387	99	1935068	118.947	ng		0.00
23) Nitrobenzene-d5	7.304	82	1201270	81.538	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	530094	127.127	ng		0.00
45) 2-Fluorobiphenyl	9.104	172	2027725	81.819	ng		0.00
79) Terphenyl-d14	12.845	244	2430867	80.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	203447	33.465	ng		97
3) Pyridine	3.175	79	535564	33.168	ng		98
4) n-Nitrosodimethylamine	3.134	42	305307	36.504	ng		95
6) Aniline	6.398	93	709472	33.860	ng	#	26
8) 2-Chlorophenol	6.522	128	601979	45.235	ng		97
9) Benzaldehyde	6.281	77	321788	44.626	ng		99
10) Phenol	6.398	94	698472	38.919	ng	#	70
11) bis(2-Chloroethyl)ether	6.475	93	564658	41.927	ng		99
12) 1,3-Dichlorobenzene	6.681	146	624949	44.170	ng		98
13) 1,4-Dichlorobenzene	6.757	146	628556	44.327	ng		98
14) 1,2-Dichlorobenzene	6.910	146	610170	46.674	ng		99
15) Benzyl Alcohol	6.887	79	465116	41.389	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.022	45	918498	39.266	ng		95
17) 2-Methylphenol	7.004	107	505256	41.463	ng		98
18) Hexachloroethane	7.251	117	216616	43.939	ng		98
19) n-Nitroso-di-n-propyla...	7.163	70	383058	37.822	ng		94
20) 3+4-Methylphenols	7.157	107	582417	40.585	ng	#	89
22) Acetophenone	7.151	105	791973	42.993	ng	#	98
24) Nitrobenzene	7.328	77	607510	40.693	ng		95
25) Isophorone	7.563	82	1100750	39.351	ng		99
26) 2-Nitrophenol	7.640	139	334178	46.409	ng		96
27) 2,4-Dimethylphenol	7.687	122	536127	43.421	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	658007	39.763	ng		100
29) 2,4-Dichlorophenol	7.887	162	476855	42.424	ng		98
30) 1,2,4-Trichlorobenzene	7.969	180	503449	43.234	ng		99
31) Naphthalene	8.045	128	1613131	40.573	ng		99
32) Benzoic acid	7.816	122	383320	50.260	ng		96
33) 4-Chloroaniline	8.092	127	371860	23.149	ng		99
34) Hexachlorobutadiene	8.163	225	272242	42.182	ng		100
35) Caprolactam	8.469	113	175705m	46.532	ng		
36) 4-Chloro-3-methylphenol	8.581	107	516965	42.650	ng		98
37) 2-Methylnaphthalene	8.734	142	1087233	39.998	ng		99
38) 1-Methylnaphthalene	8.834	142	1016155	39.962	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	451187	40.473	ng		100
41) Hexachlorocyclopentadiene	8.892	237	589473	90.667	ng		98
43) 2,4,6-Trichlorophenol	9.016	196	322534	41.835	ng		99

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44)	2,4,5-Trichlorophenol	9.057	196	350065	39.261	ng		97
46)	1,1'-Biphenyl	9.198	154	1337776	40.690	ng		99
47)	2-Chloronaphthalene	9.222	162	997494	41.451	ng		98
48)	2-Nitroaniline	9.322	65	322894	40.600	ng		95
49)	Acenaphthylene	9.639	152	1549742	40.304	ng		99
50)	Dimethylphthalate	9.504	163	1170570	40.489	ng		99
51)	2,6-Dinitrotoluene	9.563	165	277464	42.641	ng		87
52)	Acenaphthene	9.810	154	1156970m	44.926	ng		
53)	3-Nitroaniline	9.728	138	246716	31.888	ng		99
54)	2,4-Dinitrophenol	9.839	184	337658	103.235	ng		92
55)	Dibenzofuran	9.981	168	1400804	39.876	ng		98
56)	4-Nitrophenol	9.904	139	539228	89.984	ng		97
57)	2,4-Dinitrotoluene	9.969	165	375972	45.307	ng	#	82
58)	Fluorene	10.328	166	1044631	40.589	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.098	232	300324	43.446	ng		97
60)	Diethylphthalate	10.204	149	1103604	40.413	ng		99
61)	4-Chlorophenyl-phenyle...	10.316	204	498846	39.774	ng		97
62)	4-Nitroaniline	10.345	138	330849	46.526	ng		97
63)	Azobenzene	10.475	77	1095599	37.873	ng		98
65)	4,6-Dinitro-2-methylph...	10.375	198	217275	48.198	ng		91
66)	n-Nitrosodiphenylamine	10.439	169	955070	39.589	ng		98
67)	4-Bromophenyl-phenylether	10.804	248	319755	39.641	ng		97
68)	Hexachlorobenzene	10.875	284	361815	43.775	ng		96
69)	Atrazine	10.969	200	318165	45.770	ng		96
70)	Pentachlorophenol	11.069	266	453063	76.966	ng		97
71)	Phenanthrene	11.280	178	1627290	40.709	ng		100
72)	Anthracene	11.333	178	1653594	40.422	ng		99
73)	Carbazole	11.492	167	1553560	42.650	ng		100
74)	Di-n-butylphthalate	11.822	149	1754879	42.572	ng		100
75)	Fluoranthene	12.469	202	1687026	42.052	ng		98
77)	Benzidine	12.592	184	846513	95.763	ng	#	93
78)	Pyrene	12.698	202	1752191	39.103	ng		99
80)	Butylbenzylphthalate	13.321	149	743649	46.870	ng		98
81)	Benzo(a)anthracene	13.886	228	1459280	40.596	ng		99
82)	3,3'-Dichlorobenzidine	13.845	252	413190	41.609	ng		99
83)	Chrysene	13.921	228	1436785	39.980	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.880	149	851096	42.737	ng		99
85)	Di-n-octyl phthalate	14.492	149	1591777	49.020	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.698	276	1194653	45.067	ng		99
88)	Benzo(b)fluoranthene	14.910	252	1346760	45.425	ng		99
89)	Benzo(k)fluoranthene	14.939	252	1269089	43.182	ng		99
90)	Benzo(a)pyrene	15.257	252	1080979	40.058	ng		99
91)	Dibenzo(a,h)anthracene	16.715	278	994816	44.995	ng		98
92)	Benzo(g,h,i)perylene	17.115	276	999480	45.790	ng		98

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

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