Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
Data File : BF133985.D
Acq On : 27 Jun 2023 11:35
Operator : CG\JU
Sample : PB153762BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 27 12:42:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB153762BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/28/2023
Supervised By :mohammad ahmed 06/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	130381	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	516148	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	264686	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	439619	20.000	ng	0.00
76) Chrysene-d12	14.051	240	251678	20.000	ng	0.00
86) Perylene-d12	15.551	264	211890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	879699	112.864	ng	0.02
7) Phenol-d6	6.493	99	1099760	114.732	ng	0.00
23) Nitrobenzene-d5	7.416	82	645658	67.431	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	322414	97.153	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1233010	67.728	ng	0.00
79) Terphenyl-d14	12.986	244	1418405	90.704	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	120778	37.581	ng	98
3) Pyridine	3.505	79	240378	28.715	ng	97
4) n-Nitrosodimethylamine	3.463	42	183644	38.410	ng	98
6) Aniline	6.516	93	309728	26.553	ng	95
8) 2-Chlorophenol	6.640	128	359189	45.397	ng	95
9) Benzaldehyde	6.404	77	31717	3.994	ng	95
10) Phenol	6.504	94	428533	42.520	ng	94
11) bis(2-Chloroethyl)ether	6.593	93	326314	43.978	ng	97
12) 1,3-Dichlorobenzene	6.793	146	367112	43.521	ng	97
13) 1,4-Dichlorobenzene	6.869	146	375625	44.087	ng	99
14) 1,2-Dichlorobenzene	7.022	146	314855	39.459	ng	98
15) Benzyl Alcohol	6.998	79	281708	38.123	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	480081	36.573	ng	99
17) 2-Methylphenol	7.110	107	261976	36.975	ng	97
18) Hexachloroethane	7.357	117	123117	38.972	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	217534	35.786	ng	98
20) 3+4-Methylphenols	7.263	107	311752	36.269	ng	98
22) Acetophenone	7.263	105	431672	36.774	ng	99
24) Nitrobenzene	7.440	77	341389	35.283	ng	98
25) Isophorone	7.675	82	618087	35.518	ng	99
26) 2-Nitrophenol	7.751	139	174506	37.595	ng	95
27) 2,4-Dimethylphenol	7.787	122	280858	38.225	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	360111	35.738	ng	99
29) 2,4-Dichlorophenol	7.992	162	276578	37.961	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	285256	37.944	ng	100
31) Naphthalene	8.157	128	1004410	40.287	ng	100
32) Benzoic acid	7.922	122	223611	40.615	ng	95
33) 4-Chloroaniline	8.204	127	104196	9.770	ng	94
34) Hexachlorobutadiene	8.269	225	194508	41.016	ng	99
35) Caprolactam	8.587	113	106231m	44.282	ng	
36) 4-Chloro-3-methylphenol	8.692	107	349258	42.671	ng	99
37) 2-Methylnaphthalene	8.845	142	604382	34.280	ng	99
38) 1-Methylnaphthalene	8.945	142	556765	33.969	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	289003	36.854	ng	98
41) Hexachlorocyclopentadiene	8.998	237	317027	85.216	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	198312	37.150	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	217753	34.678	ng	95
46) 1,1'-Biphenyl	9.316	154	798579	37.612	ng	98
47) 2-Chloronaphthalene	9.339	162	597207	38.443	ng	99
48) 2-Nitroaniline	9.439	65	230227	40.664	ng	92
49) Acenaphthylene	9.757	152	1048899	39.525	ng	99
50) Dimethylphthalate	9.616	163	755848	39.339	ng	99
51) 2,6-Dinitrotoluene	9.681	165	173903	42.023	ng	91
52) Acenaphthene	9.928	154	613045	39.812	ng	99
53) 3-Nitroaniline	9.851	138	98619	19.864	ng	95
54) 2,4-Dinitrophenol	9.963	184	195254	81.618	ng	96
55) Dibenzofuran	10.104	168	801171	33.292	ng	100
56) 4-Nitrophenol	10.022	139	239854	69.069	ng	94
57) 2,4-Dinitrotoluene	10.092	165	192226	35.173	ng	95
58) Fluorene	10.445	166	630589	33.681	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.222	232	176159m	35.566	ng	
60) Diethylphthalate	10.322	149	682375	34.089	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	299788	33.226	ng	98
62) 4-Nitroaniline	10.475	138	161021	32.183	ng	96
63) Azobenzene	10.598	77	636251	33.602	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	113254	47.253	ng	80
66) n-Nitrosodiphenylamine	10.557	169	569476	40.544	ng	100
67) 4-Bromophenyl-phenylether	10.928	248	190474	40.764	ng	93
68) Hexachlorobenzene	10.992	284	218439	44.029	ng	94
69) Atrazine	11.092	200	170693	43.934	ng	95
70) Pentachlorophenol	11.192	266	229918	77.507	ng	99
71) Phenanthrene	11.416	178	918063	41.483	ng	99
72) Anthracene	11.463	178	948139	41.190	ng	100
73) Carbazole	11.622	167	891843	42.329	ng	98
74) Di-n-butylphthalate	11.951	149	1060736	42.336	ng	99
75) Fluoranthene	12.610	202	1016594	42.489	ng	98
77) Benzidine	12.733	184	121837	20.345	ng	99
78) Pyrene	12.839	202	1029887	43.971	ng	99
80) Butylbenzylphthalate	13.463	149	417024	47.473	ng	98
81) Benzo(a)anthracene	14.039	228	723455	41.448	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	149822	27.093	ng	99
83) Chrysene	14.074	228	679989	40.223	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	509736	50.500	ng	99
85) Di-n-octyl phthalate	14.645	149	679116	45.789	ng	100
87) Indeno(1,2,3-cd)pyrene	17.104	276	682835	46.442	ng	98
88) Benzo(b)fluoranthene	15.104	252	581061	46.637	ng	99
89) Benzo(k)fluoranthene	15.139	252	558668	44.040	ng	98
90) Benzo(a)pyrene	15.486	252	508071	42.171	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	554217	46.149	ng	98
92) Benzo(g,h,i)perylene	17.580	276	559995	45.218	ng	97

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

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