Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134703.D
Acq On : 10 Aug 2023 11:07
Operator : CG\JU
Sample : PB154717BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 03:51:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 09:29:15 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB154717BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.804	152	174109	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	703457	20.000	ng	#	0.00
39) Acenaphthene-d10	9.839	164	357784	20.000	ng		0.00
64) Phenanthrene-d10	11.328	188	671300	20.000	ng	#	0.00
76) Chrysene-d12	13.980	240	416910	20.000	ng	#	0.00
86) Perylene-d12	15.451	264	377976	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1436920	125.454	ng		0.02
7) Phenol-d6	6.451	99	1796799	122.720	ng		0.01
23) Nitrobenzene-d5	7.369	82	1158340	102.903	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	564614	154.805	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2004948	93.174	ng		0.00
79) Terphenyl-d14	12.927	244	2449789	103.587	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	214959	40.790	ng	#	95
3) Pyridine	3.446	79	564605	39.538	ng		90
4) n-Nitrosodimethylamine	3.393	42	295108	43.251	ng	#	59
6) Aniline	6.469	93	664281	34.590	ng	#	83
8) 2-Chlorophenol	6.593	128	627051	54.271	ng		94
9) Benzaldehyde	6.357	77	313643	48.169	ng		97
10) Phenol	6.463	94	698595	48.418	ng		98
11) bis(2-Chloroethyl)ether	6.545	93	589239	51.408	ng		93
12) 1,3-Dichlorobenzene	6.745	146	635032	53.122	ng		94
13) 1,4-Dichlorobenzene	6.822	146	639361	53.366	ng		97
14) 1,2-Dichlorobenzene	6.969	146	616346	55.213	ng		96
15) Benzyl Alcohol	6.951	79	517647	51.248	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.081	45	900639	50.155	ng		91
17) 2-Methylphenol	7.063	107	479917	47.005	ng		94
18) Hexachloroethane	7.310	117	233374	55.500	ng		94
19) n-Nitroso-di-n-propyla...	7.222	70	398606	45.471	ng		93
20) 3+4-Methylphenols	7.216	107	541234	43.956	ng	#	85
22) Acetophenone	7.216	105	761417	46.886	ng	#	93
24) Nitrobenzene	7.387	77	627630	51.610	ng		95
25) Isophorone	7.628	82	1183350	48.198	ng		99
26) 2-Nitrophenol	7.698	139	335420	63.138	ng	#	89
27) 2,4-Dimethylphenol	7.739	122	500917	45.726	ng		87
28) bis(2-Chloroethoxy)met...	7.834	93	723158	49.238	ng		99
29) 2,4-Dichlorophenol	7.945	162	499998	50.288	ng		96
30) 1,2,4-Trichlorobenzene	8.022	180	560179	52.834	ng		98
31) Naphthalene	8.104	128	1711878	48.420	ng		99
32) Benzoic acid	7.881	122	445023m	59.936	ng		
33) 4-Chloroaniline	8.151	127	381217	24.200	ng		99
34) Hexachlorobutadiene	8.216	225	322732	52.770	ng		96
35) Caprolactam	8.545	113	169352m	52.794	ng		
36) 4-Chloro-3-methylphenol	8.645	107	542895	51.558	ng		91
37) 2-Methylnaphthalene	8.798	142	1099466	46.917	ng		99
38) 1-Methylnaphthalene	8.892	142	1062954	48.779	ng		98
40) 1,2,4,5-Tetrachloroben...	8.963	216	539005	51.807	ng		98
41) Hexachlorocyclopentadiene	8.945	237	541346	106.999	ng		94
43) 2,4,6-Trichlorophenol	9.075	196	368911	54.180	ng		98

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44) 2,4,5-Trichlorophenol	9.116	196	396054	50.893	ng		95
46) 1,1'-Biphenyl	9.263	154	1382019	49.673	ng		99
47) 2-Chloronaphthalene	9.286	162	1056153	50.662	ng		98
48) 2-Nitroaniline	9.386	65	348447	53.242	ng		90
49) Acenaphthylene	9.704	152	1636846	49.950	ng		99
50) Dimethylphthalate	9.569	163	1259020	51.630	ng		98
51) 2,6-Dinitrotoluene	9.633	165	291870	57.875	ng	#	71
52) Acenaphthene	9.875	154	1169927m	55.091	ng		
53) 3-Nitroaniline	9.798	138	231635	42.617	ng		96
54) 2,4-Dinitrophenol	9.910	184	310005	126.001	ng		88
55) Dibenzofuran	10.051	168	1453419	48.077	ng		93
56) 4-Nitrophenol	9.975	139	480388	108.064	ng	#	65
57) 2,4-Dinitrotoluene	10.039	165	360919	59.105	ng	#	86
58) Fluorene	10.392	166	1072602	48.711	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.169	232	345778	56.162	ng		96
60) Diethylphthalate	10.269	149	1186176	51.318	ng		96
61) 4-Chlorophenyl-phenyle...	10.381	204	550579	50.870	ng		96
62) 4-Nitroaniline	10.422	138	312700	58.696	ng	#	84
63) Azobenzene	10.545	77	1185800	47.749	ng		98
65) 4,6-Dinitro-2-methylph...	10.445	198	207579	71.339	ng		89
66) n-Nitrosodiphenylamine	10.510	169	1033209	48.355	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	382588	52.063	ng		96
68) Hexachlorobenzene	10.939	284	424359	54.685	ng	#	92
69) Atrazine	11.039	200	368488	63.983	ng		99
70) Pentachlorophenol	11.133	266	423915	88.229	ng		97
71) Phenanthrene	11.357	178	1729476	48.503	ng		99
72) Anthracene	11.410	178	1750917	48.074	ng		98
73) Carbazole	11.563	167	1584664	48.729	ng		99
74) Di-n-butylphthalate	11.898	149	1889530	54.692	ng		99
75) Fluoranthene	12.545	202	1837847	48.795	ng		96
77) Benzidine	12.674	184	699859	77.330	ng		99
78) Pyrene	12.774	202	1854894	51.417	ng		97
80) Butylbenzylphthalate	13.404	149	745354	61.100	ng	#	95
81) Benzo(a)anthracene	13.969	228	1386175	46.499	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	377692	43.709	ng	#	97
83) Chrysene	14.010	228	1400855	48.232	ng		100
84) Bis(2-ethylhexyl)phtha...	13.969	149	773474	53.879	ng	#	97
85) Di-n-octyl phthalate	14.580	149	1353057	61.980	ng		100
87) Indeno(1,2,3-cd)pyrene	16.957	276	1437711	64.675	ng	#	92
88) Benzo(b)fluoranthene	15.021	252	1205836	52.309	ng	#	97
89) Benzo(k)fluoranthene	15.051	252	1186995	51.689	ng	#	98
90) Benzo(a)pyrene	15.392	252	1060735	49.351	ng	#	97
91) Dibenzo(a,h)anthracene	16.974	278	1175837	65.451	ng	#	95
92) Benzo(g,h,i)perylene	17.409	276	1163568	63.494	ng	#	94

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

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