Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
Data File : BF135261.D
Acq On : 14 Sep 2023 19:00
Operator : CG\JU
Sample : 04393-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 15 01:34:33 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 :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	138435	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	509915	20.000	ng		0.00
39) Acenaphthene-d10	9.804	164	211941	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	247435	20.000	ng		# 0.01
76) Chrysene-d12	13.974	240	172683	20.000	ng		# 0.03
86) Perylene-d12	15.439	264	238565	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.404	112	718333	84.396	ng		0.02
7) Phenol-d6	6.416	99	938441	86.709	ng		0.01
23) Nitrobenzene-d5	7.334	82	597855	63.699	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	167321	79.443	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	898758	63.979	ng		0.00
79) Terphenyl-d14	12.916	244	420505	37.749	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	125100	33.527	ng		98
3) Pyridine	3.310	79	328697	32.731	ng		98
4) n-Nitrosodimethylamine	3.269	42	213620	40.086	ng		94
6) Aniline	6.434	93	206266m	14.534	ng		
8) 2-Chlorophenol	6.551	128	363894	40.050	ng		99
9) Benzaldehyde	6.316	77	130342	21.140	ng		97
10) Phenol	6.428	94	432915	36.478	ng		96
11) bis(2-Chloroethyl)ether	6.504	93	361749	40.636	ng		98
12) 1,3-Dichlorobenzene	6.704	146	364968	39.524	ng		99
13) 1,4-Dichlorobenzene	6.781	146	375755	39.996	ng		99
14) 1,2-Dichlorobenzene	6.934	146	350445	40.168	ng		96
15) Benzyl Alcohol	6.916	79	310704	40.006	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	633606	37.760	ng		95
17) 2-Methylphenol	7.028	107	277261	34.579	ng		95
18) Hexachloroethane	7.269	117	140437	40.457	ng		92
19) n-Nitroso-di-n-propyla...	7.187	70	245070	36.558	ng		99
20) 3+4-Methylphenols	7.181	107	339646	35.228	ng		95
22) Acetophenone	7.175	105	481717	41.321	ng	#	94
24) Nitrobenzene	7.351	77	380185	40.983	ng		99
25) Isophorone	7.587	82	678896	39.392	ng		98
26) 2-Nitrophenol	7.663	139	188907	42.429	ng		99
27) 2,4-Dimethylphenol	7.704	122	275695	36.839	ng		99
28) bis(2-Chloroethoxy)met...	7.798	93	421837	40.894	ng		99
29) 2,4-Dichlorophenol	7.910	162	284096	40.968	ng		97
30) 1,2,4-Trichlorobenzene	7.986	180	306793	42.326	ng		99
31) Naphthalene	8.069	128	986751	39.828	ng		100
32) Benzoic acid	7.851	122	221055	39.226	ng		98
33) 4-Chloroaniline	8.128	127	98738	9.084	ng		98
34) Hexachlorobutadiene	8.181	225	180182	41.226	ng		99
35) Caprolactam	8.498	113	90078m	38.704	ng		
36) 4-Chloro-3-methylphenol	8.610	107	297848	38.645	ng		98
37) 2-Methylnaphthalene	8.757	142	596715	35.830	ng		98
38) 1-Methylnaphthalene	8.857	142	576661	36.985	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	287246	46.782	ng		100
41) Hexachlorocyclopentadiene	8.904	237	154932	59.364	ng		99
43) 2,4,6-Trichlorophenol	9.039	196	186148	46.303	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	194568	42.026	ng		96
46) 1,1'-Biphenyl	9.222	154	735639	45.166	ng		97
47) 2-Chloronaphthalene	9.251	162	540910	45.772	ng		99
48) 2-Nitroaniline	9.351	65	209586	45.651	ng		93
49) Acenaphthylene	9.663	152	856345	43.603	ng		99
50) Dimethylphthalate	9.533	163	649928	45.356	ng		100
51) 2,6-Dinitrotoluene	9.598	165	134300	42.783	ng		85
52) Acenaphthene	9.833	154	461725	39.797	ng		97
53) 3-Nitroaniline	9.763	138	81497	22.117	ng		96
54) 2,4-Dinitrophenol	9.875	184	39288	26.572	ng		97
55) Dibenzofuran	10.010	168	685229	38.704	ng		99
56) 4-Nitrophenol	9.939	139	171116	73.068	ng		95
57) 2,4-Dinitrotoluene	10.004	165	147600	37.559	ng		96
58) Fluorene	10.357	166	494228	36.312	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.133	232	132802	37.290	ng		98
60) Diethylphthalate	10.233	149	564545	39.257	ng		98
61) 4-Chlorophenyl-phenyle...	10.345	204	237614	36.343	ng		98
62) 4-Nitroaniline	10.380	138	75628	21.352	ng		95
63) Azobenzene	10.510	77	480844	34.164	ng		98
65) 4,6-Dinitro-2-methylph...	10.416	198	25655	19.521	ng	#	81
66) n-Nitrosodiphenylamine	10.469	169	422579	56.411	ng		100
67) 4-Bromophenyl-phenylether	10.845	248	124543	50.608	ng		95
68) Hexachlorobenzene	10.910	284	132629	52.901	ng	#	92
69) Atrazine	11.027	200	103396	51.297	ng		91
70) Pentachlorophenol	11.116	266	127202	84.801	ng		97
71) Phenanthrene	11.333	178	520476	44.475	ng		97
72) Anthracene	11.380	178	489965	40.732	ng		97
73) Carbazole	11.545	167	426946	38.989	ng		96
74) Di-n-butylphthalate	11.880	149	494629	38.334	ng		96
75) Fluoranthene	12.539	202	476243	39.055	ng		97
78) Pyrene	12.769	202	479919	29.191	ng		97
80) Butylbenzylphthalate	13.392	149	205593	35.517	ng		88
81) Benzo(a)anthracene	13.968	228	494154	44.316	ng		99
83) Chrysene	14.004	228	460098	41.502	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	445250	74.958	ng	#	97
85) Di-n-octyl phthalate	14.568	149	580287	61.472	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	547601	35.009	ng		98
88) Benzo(b)fluoranthene	15.015	252	561417	43.472	ng	#	97
89) Benzo(k)fluoranthene	15.045	252	508069	39.826	ng	#	96
90) Benzo(a)pyrene	15.380	252	493883	40.102	ng		100
91) Dibenzo(a,h)anthracene	16.933	278	450888	35.230	ng		97
92) Benzo(g,h,i)perylene	17.368	276	431038	32.248	ng		99

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

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