Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052423\
Data File : BF133468.D
Acq On : 24 May 2023 13:49
Operator : CG\JU
Sample : 02891-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 24 15:23:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 24 02:41:39 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
290-328MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	106519	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	408460	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	198850	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	401618	20.000	ng	0.00
76) Chrysene-d12	14.010	240	275786	20.000	ng	0.00
86) Perylene-d12	15.462	264	242750	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	785747	120.581	ng	0.01
7) Phenol-d6	6.469	99	901779	115.117	ng	0.00
23) Nitrobenzene-d5	7.404	82	625047	105.795	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	283728	154.461	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1101490	77.934	ng	0.00
79) Terphenyl-d14	12.957	244	1341885	93.028	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	101793	34.509	ng	# 80
3) Pyridine	3.422	79	217610	28.020	ng	99
4) n-Nitrosodimethylamine	3.334	42	188803	42.586	ng	99
6) Aniline	6.504	93	246436	23.019	ng	98
8) 2-Chlorophenol	6.622	128	299327	46.308	ng	96
9) Benzaldehyde	6.392	77	159953	36.163	ng	94
10) Phenol	6.481	94	335016m	41.823	ng	
11) bis(2-Chloroethyl)ether	6.581	93	281371	43.036	ng	96
12) 1,3-Dichlorobenzene	6.781	146	283659	40.206	ng	97
13) 1,4-Dichlorobenzene	6.857	146	283774	40.170	ng	97
14) 1,2-Dichlorobenzene	7.010	146	280013	42.921	ng	100
15) Benzyl Alcohol	6.981	79	273194	46.087	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	534527	43.206	ng	98
17) 2-Methylphenol	7.086	107	253894	43.077	ng	99
18) Hexachloroethane	7.357	117	102719	42.671	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	217776	44.422	ng	98
20) 3+4-Methylphenols	7.245	107	312383	43.787	ng	# 86
22) Acetophenone	7.251	105	414592	43.253	ng	94
24) Nitrobenzene	7.428	77	325847	49.892	ng	95
25) Isophorone	7.663	82	606022	43.592	ng	97
26) 2-Nitrophenol	7.739	139	139689	51.151	ng	89
27) 2,4-Dimethylphenol	7.775	122	276363	46.511	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	353443	43.034	ng	99
29) 2,4-Dichlorophenol	7.975	162	252882	46.936	ng	94
30) 1,2,4-Trichlorobenzene	8.063	180	245179	41.846	ng	99
31) Naphthalene	8.145	128	828164	41.277	ng	100
32) Benzoic acid	7.881	122	161301	52.218	ng	98
33) 4-Chloroaniline	8.192	127	62003	7.376	ng	97
34) Hexachlorobutadiene	8.263	225	142016	39.883	ng	98
35) Caprolactam	8.557	113	83577m	51.074	ng	
36) 4-Chloro-3-methylphenol	8.669	107	283521	48.630	ng	98
37) 2-Methylnaphthalene	8.839	142	559993	41.634	ng	100
38) 1-Methylnaphthalene	8.939	142	522950	41.725	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	248477	41.114	ng	98
41) Hexachlorocyclopentadiene	8.992	237	282543	98.024	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	182154	49.082	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	197697	46.057	ng		96
46) 1,1'-Biphenyl	9.304	154	720485	43.199	ng		99
47) 2-Chloronaphthalene	9.327	162	521484	43.587	ng		100
48) 2-Nitroaniline	9.422	65	183754	51.753	ng		94
49) Acenaphthylene	9.745	152	897165	44.142	ng		100
50) Dimethylphthalate	9.604	163	639888	47.134	ng		100
51) 2,6-Dinitrotoluene	9.663	165	135531	52.390	ng		93
52) Acenaphthene	9.916	154	598565	49.048	ng		98
53) 3-Nitroaniline	9.827	138	102974	33.411	ng		93
54) 2,4-Dinitrophenol	9.933	184	120410	100.954	ng		94
55) Dibenzofuran	10.086	168	807320	44.324	ng		99
56) 4-Nitrophenol	9.986	139	248438	94.844	ng		91
57) 2,4-Dinitrotoluene	10.069	165	180090	57.091	ng	#	83
58) Fluorene	10.427	166	600762	45.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	164618	51.687	ng		98
60) Diethylphthalate	10.304	149	664080	48.250	ng		100
61) 4-Chlorophenyl-phenyle...	10.422	204	280453	45.103	ng		96
62) 4-Nitroaniline	10.445	138	161789	51.641	ng		99
63) Azobenzene	10.586	77	651407	45.760	ng		99
65) 4,6-Dinitro-2-methylph...	10.469	198	77972	56.706	ng		93
66) n-Nitrosodiphenylamine	10.539	169	560480	42.325	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	178384	42.353	ng		97
68) Hexachlorobenzene	10.974	284	201453	45.580	ng		99
69) Atrazine	11.069	200	182171	53.751	ng		98
70) Pentachlorophenol	11.169	266	230301	91.810	ng		99
71) Phenanthrene	11.392	178	909237	43.723	ng		99
72) Anthracene	11.445	178	925215	43.612	ng		99
73) Carbazole	11.598	167	914833	45.519	ng		99
74) Di-n-butylphthalate	11.933	149	1069603	49.602	ng		99
75) Fluoranthene	12.580	202	1028568	45.937	ng		99
77) Benzidine	12.698	184	175269	26.671	ng		98
78) Pyrene	12.810	202	1072307	47.700	ng		100
80) Butylbenzylphthalate	13.433	149	451808	53.072	ng		92
81) Benzo(a)anthracene	13.998	228	851352	45.474	ng		98
82) 3,3'-Dichlorobenzidine	13.962	252	211406	39.791	ng		99
83) Chrysene	14.039	228	860575	45.271	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	527806	52.021	ng		98
85) Di-n-octyl phthalate	14.610	149	900964	48.812	ng		99
87) Indeno(1,2,3-cd)pyrene	16.921	276	807207	49.095	ng		100
88) Benzo(b)fluoranthene	15.045	252	735514	48.752	ng		99
89) Benzo(k)fluoranthene	15.074	252	712270	48.581	ng		99
90) Benzo(a)pyrene	15.404	252	616022	43.337	ng		98
91) Dibenzo(a,h)anthracene	16.945	278	649964	48.537	ng		98
92) Benzo(g,h,i)perylene	17.362	276	677542	50.087	ng		99

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

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