Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
Data File : BF135153.D
Acq On : 08 Sep 2023 18:35
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 09 02:29:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 02:14:04 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	130245	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	493029	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	252063	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	451198	20.000	ng	0.00
76) Chrysene-d12	13.951	240	219506	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	224596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	766057	91.021	ng	0.00
7) Phenol-d6	6.416	99	963661	90.993	ng	0.00
23) Nitrobenzene-d5	7.340	82	877124	96.841	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	265791	93.769	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	1470527	91.609	ng	0.00
79) Terphenyl-d14	12.892	244	1382228	96.961	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.475	88	158617	45.485	ng	100
3) Pyridine	3.222	79	434483	46.981	ng	98
4) n-Nitrosodimethylamine	3.204	42	222401	48.034	ng	97
6) Aniline	6.440	93	600424	46.156	ng	97
8) 2-Chlorophenol	6.557	128	393325	45.281	ng	98
9) Benzaldehyde	6.322	77	255682	43.055	ng	99
10) Phenol	6.428	94	500645	45.182	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	379470	46.246	ng	97
12) 1,3-Dichlorobenzene	6.710	146	404113	45.524	ng	96
13) 1,4-Dichlorobenzene	6.787	146	411090	46.104	ng	99
14) 1,2-Dichlorobenzene	6.940	146	376820	45.147	ng	97
15) Benzyl Alcohol	6.916	79	340121	45.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	611954	45.920	ng	99
17) 2-Methylphenol	7.028	107	353416	46.140	ng	97
18) Hexachloroethane	7.275	117	150832	46.151	ng	98
19) n-Nitroso-di-n-propyla...	7.192	70	280913	43.982	ng	98
20) 3+4-Methylphenols	7.187	107	409267	44.344	ng	96
22) Acetophenone	7.187	105	534862	47.032	ng	98
24) Nitrobenzene	7.357	77	438071	47.621	ng	97
25) Isophorone	7.598	82	810493	47.912	ng	99
26) 2-Nitrophenol	7.669	139	221742	49.383	ng	95
27) 2,4-Dimethylphenol	7.710	122	341216	48.102	ng	99
28) bis(2-Chloroethoxy)met...	7.804	93	466915	47.216	ng	97
29) 2,4-Dichlorophenol	7.910	162	328094	47.421	ng	98
30) 1,2,4-Trichlorobenzene	7.987	180	359588	47.663	ng	98
31) Naphthalene	8.069	128	1145250	46.897	ng	99
32) Benzoic acid	7.857	122	282855	51.702	ng	98
33) 4-Chloroaniline	8.122	127	501550	47.149	ng	98
34) Hexachlorobutadiene	8.181	225	204906	47.193	ng	99
35) Caprolactam	8.516	113	107188m	47.877	ng	
36) 4-Chloro-3-methylphenol	8.610	107	370452	47.680	ng	99
37) 2-Methylnaphthalene	8.763	142	773593	46.693	ng	98
38) 1-Methylnaphthalene	8.863	142	718090	46.794	ng	100
40) 1,2,4,5-Tetrachloroben...	8.928	216	342561	47.909	ng	100
41) Hexachlorocyclopentadiene	8.910	237	144407	50.018	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	229611	48.394	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	266964	48.633	ng		97
46) 1,1'-Biphenyl	9.228	154	908206	46.444	ng		99
47) 2-Chloronaphthalene	9.251	162	693711	47.784	ng		98
48) 2-Nitroaniline	9.351	65	253205	49.370	ng		100
49) Acenaphthylene	9.669	152	1042264	46.450	ng		99
50) Dimethylphthalate	9.539	163	856231	47.399	ng		99
51) 2,6-Dinitrotoluene	9.598	165	193737	48.977	ng		92
52) Acenaphthene	9.839	154	657120	46.660	ng		99
53) 3-Nitroaniline	9.769	138	219571	49.270	ng		91
54) 2,4-Dinitrophenol	9.881	184	98648	53.440	ng	#	88
55) Dibenzofuran	10.016	168	944250	46.146	ng		97
56) 4-Nitrophenol	9.933	139	145972	49.322	ng		99
57) 2,4-Dinitrotoluene	10.004	165	235396	47.491	ng		94
58) Fluorene	10.357	166	737441	45.929	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	204014	48.054	ng		99
60) Diethylphthalate	10.233	149	793124	46.772	ng		100
61) 4-Chlorophenyl-phenyle...	10.351	204	360970	45.719	ng		94
62) 4-Nitroaniline	10.386	138	211023	48.443	ng		100
63) Azobenzene	10.510	77	795405	47.246	ng		99
65) 4,6-Dinitro-2-methylph...	10.416	198	140552	52.835	ng		78
66) n-Nitrosodiphenylamine	10.475	169	673092	47.733	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	231355	48.266	ng		96
68) Hexachlorobenzene	10.904	284	246883	48.068	ng		94
69) Atrazine	11.004	200	146080	43.149	ng		98
70) Pentachlorophenol	11.098	266	139441	50.026	ng		98
71) Phenanthrene	11.322	178	1109335	47.065	ng		100
72) Anthracene	11.375	178	1124040	46.715	ng		99
73) Carbazole	11.533	167	966838	47.266	ng		99
74) Di-n-butylphthalate	11.869	149	1159152	47.559	ng		99
75) Fluoranthene	12.516	202	1069489	45.936	ng		98
77) Benzidine	12.639	184	121213	27.246	ng		98
78) Pyrene	12.745	202	1069163	50.251	ng		99
80) Butylbenzylphthalate	13.369	149	376191	50.604	ng		99
81) Benzo(a)anthracene	13.939	228	710877	47.777	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	214026	47.126	ng		98
83) Chrysene	13.974	228	701131	48.258	ng		99
84) Bis(2-ethylhexyl)phtha...	13.933	149	393651	50.158	ng		99
85) Di-n-octyl phthalate	14.551	149	642574	53.336	ng		100
87) Indeno(1,2,3-cd)pyrene	16.892	276	824482	50.531	ng		100
88) Benzo(b)fluoranthene	14.986	252	629479	46.101	ng		99
89) Benzo(k)fluoranthene	15.015	252	625563	47.181	ng		99
90) Benzo(a)pyrene	15.351	252	620176	48.570	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	669139	50.238	ng		99
92) Benzo(g,h,i)perylene	17.339	276	697353	50.747	ng		99

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

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