Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090823\
Data File : BF135149.D
Acq On : 08 Sep 2023 16:21
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 09 02:24:58 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 :
SSTDICC005

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	6.763	152	106064	20.000	ng		0.00
21) Naphthalene-d8	8.039	136	441982	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	240863	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	455545	20.000	ng		0.00
76) Chrysene-d12	13.945	240	292177	20.000	ng		0.00
86) Perylene-d12	15.404	264	211689	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	75679	11.042	ng		0.00
7) Phenol-d6	6.398	99	96383	11.176	ng		-0.01
23) Nitrobenzene-d5	7.322	82	85801	10.567	ng		-0.01
42) 2,4,6-Tribromophenol	10.586	330	30348	11.204	ng		-0.01
45) 2-Fluorobiphenyl	9.122	172	179922	11.730	ng		0.00
79) Terphenyl-d14	12.886	244	200631	10.573	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	15395	5.421	ng		96
3) Pyridine	3.246	79	38636	5.130	ng		94
4) n-Nitrosodimethylamine	3.175	42	18122	4.806	ng		93
6) Aniline	6.428	93	60282	5.691	ng		98
8) 2-Chlorophenol	6.545	128	40945	5.788	ng		97
9) Benzaldehyde	6.316	77	30481	6.303	ng		99
10) Phenol	6.410	94	51517	5.709	ng		85
11) bis(2-Chloroethyl)ether	6.498	93	36763	5.502	ng		99
12) 1,3-Dichlorobenzene	6.704	146	41737	5.774	ng		94
13) 1,4-Dichlorobenzene	6.781	146	42104	5.799	ng		98
14) 1,2-Dichlorobenzene	6.934	146	40068	5.895	ng		97
15) Benzyl Alcohol	6.904	79	34801	5.688	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.039	45	62214	5.733	ng		99
17) 2-Methylphenol	7.016	107	35270	5.654	ng		96
18) Hexachloroethane	7.269	117	14862	5.584	ng		95
19) n-Nitroso-di-n-propyla...	7.169	70	29474	5.667	ng		98
20) 3+4-Methylphenols	7.169	107	44760	5.955	ng	#	75
22) Acetophenone	7.169	105	57229	5.614	ng	#	94
24) Nitrobenzene	7.339	77	44031	5.339	ng		97
25) Isophorone	7.581	82	79933	5.271	ng		99
26) 2-Nitrophenol	7.663	139	19888	4.941	ng		95
27) 2,4-Dimethylphenol	7.698	122	34687	5.455	ng		100
28) bis(2-Chloroethoxy)met...	7.792	93	48405	5.460	ng		98
29) 2,4-Dichlorophenol	7.904	162	34051	5.490	ng		93
30) 1,2,4-Trichlorobenzene	7.986	180	37118	5.488	ng		99
31) Naphthalene	8.063	128	123621	5.647	ng		99
32) Benzoic acid	7.769	122	20947m	4.271	ng		
33) 4-Chloroaniline	8.116	127	52738	5.530	ng		98
34) Hexachlorobutadiene	8.181	225	21301	5.473	ng		99
35) Caprolactam	8.451	113	10866	5.414	ng		96
36) 4-Chloro-3-methylphenol	8.598	107	37392	5.368	ng		99
37) 2-Methylnaphthalene	8.757	142	83472	5.620	ng		98
38) 1-Methylnaphthalene	8.851	142	78479	5.705	ng		97
40) 1,2,4,5-Tetrachloroben...	8.922	216	36915	5.403	ng		99
43) 2,4,6-Trichlorophenol	9.033	196	23822	5.254	ng		99
44) 2,4,5-Trichlorophenol	9.075	196	28589	5.450	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.222	154	105170	5.628	ng		99
47) 2-Chloronaphthalene	9.245	162	74457	5.367	ng		98
48) 2-Nitroaniline	9.345	65	24765	5.053	ng		91
49) Acenaphthylene	9.657	152	121620	5.672	ng		98
50) Dimethylphthalate	9.522	163	93951	5.443	ng		100
51) 2,6-Dinitrotoluene	9.586	165	19926	5.272	ng		96
52) Acenaphthene	9.833	154	74247	5.517	ng		98
53) 3-Nitroaniline	9.751	138	21900	5.143	ng		89
55) Dibenzofuran	10.004	168	113402	5.800	ng		99
56) 4-Nitrophenol	9.922	139	13857	4.900	ng		91
57) 2,4-Dinitrotoluene	9.992	165	25366	5.356	ng		94
58) Fluorene	10.345	166	91042	5.934	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	21693m	5.347	ng		
60) Diethylphthalate	10.222	149	90803	5.604	ng		99
61) 4-Chlorophenyl-phenyle...	10.345	204	44611	5.913	ng		93
62) 4-Nitroaniline	10.363	138	21445	5.152	ng		97
63) Azobenzene	10.504	77	89497	5.563	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	10756	4.005	ng		92
66) n-Nitrosodiphenylamine	10.463	169	78770	5.533	ng		96
67) 4-Bromophenyl-phenylether	10.833	248	26196	5.413	ng		98
68) Hexachlorobenzene	10.898	284	27780	5.357	ng		98
69) Atrazine	10.992	200	23079	6.752	ng		96
70) Pentachlorophenol	11.098	266	13247	4.707	ng		96
71) Phenanthrene	11.316	178	136126	5.720	ng		99
72) Anthracene	11.363	178	137456	5.658	ng		99
73) Carbazole	11.521	167	115307	5.583	ng		98
74) Di-n-butylphthalate	11.863	149	135392	5.502	ng		99
75) Fluoranthene	12.510	202	136582	5.810	ng		96
77) Benzidine	12.639	184	42322	7.147	ng		97
78) Pyrene	12.739	202	140617	4.965	ng		99
80) Butylbenzylphthalate	13.368	149	47993	4.850	ng		100
81) Benzo(a)anthracene	13.933	228	108719	5.489	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	31056	5.137	ng	#	93
83) Chrysene	13.968	228	103295	5.341	ng		98
84) Bis(2-ethylhexyl)phtha...	13.933	149	52326	5.009	ng		99
85) Di-n-octyl phthalate	14.545	149	69254	4.319	ng		97
87) Indeno(1,2,3-cd)pyrene	16.868	276	71457	4.646	ng		98
88) Benzo(b)fluoranthene	14.980	252	71146	5.528	ng		98
89) Benzo(k)fluoranthene	15.009	252	71261	5.702	ng		100
90) Benzo(a)pyrene	15.339	252	63060	5.240	ng		98
91) Dibenzo(a,h)anthracene	16.886	278	58199	4.636	ng		99
92) Benzo(g,h,i)perylene	17.309	276	58624	4.526	ng		98

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

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