Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010923\
Data File : BF131960.D
Acq On : 09 Jan 2023 13:28
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 10 00:01:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 09 23:53:39 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
01/10/2023
Supervised By :Jagrut Upadhyay
01/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	93690	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	331817	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	197221	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	372161	20.000	ng	0.00
76) Chrysene-d12	13.986	240	227498	20.000	ng	0.00
86) Perylene-d12	15.445	264	163257	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	566131	99.569	ng	0.00
7) Phenol-d6	6.434	99	743797	98.664	ng	0.00
23) Nitrobenzene-d5	7.369	82	805114	100.703	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	229183	101.068	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1454915	99.588	ng	0.00
79) Terphenyl-d14	12.927	244	1652170	104.089	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.469	88	125407	50.501	ng	99
3) Pyridine	3.205	79	359838	51.631	ng	99
4) n-Nitrosodimethylamine	3.187	42	167968	51.280	ng	94
6) Aniline	6.463	93	491561	49.558	ng	99
8) 2-Chlorophenol	6.581	128	287314	50.365	ng	93
9) Benzaldehyde	6.340	77	231638	44.398	ng	98
10) Phenol	6.451	94	416916	49.575	ng	97
11) bis(2-Chloroethyl)ether	6.534	93	316992	50.002	ng	97
12) 1,3-Dichlorobenzene	6.728	146	314035	49.423	ng	98
13) 1,4-Dichlorobenzene	6.804	146	320474	49.848	ng	99
14) 1,2-Dichlorobenzene	6.963	146	298661	48.913	ng	98
15) Benzyl Alcohol	6.945	79	325069	49.517	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	391761	48.967	ng	99
17) 2-Methylphenol	7.057	107	276956	49.058	ng	97
18) Hexachloroethane	7.298	117	132171	49.712	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	267006	48.961	ng	98
20) 3+4-Methylphenols	7.216	107	353781	48.812	ng	96
22) Acetophenone	7.216	105	480008	49.685	ng	98
24) Nitrobenzene	7.387	77	411375	50.542	ng	97
25) Isophorone	7.628	82	757814	50.738	ng	99
26) 2-Nitrophenol	7.698	139	163764	51.136	ng	95
27) 2,4-Dimethylphenol	7.745	122	270318	50.568	ng	96
28) bis(2-Chloroethoxy)met...	7.834	93	412621	49.916	ng	99
29) 2,4-Dichlorophenol	7.945	162	277204	50.627	ng	98
30) 1,2,4-Trichlorobenzene	8.022	180	317140	50.574	ng	100
31) Naphthalene	8.104	128	873344	49.804	ng	100
32) Benzoic acid	7.904	122	167783	55.004	ng	97
33) 4-Chloroaniline	8.163	127	359428	49.670	ng	95
34) Hexachlorobutadiene	8.216	225	221008	50.834	ng	100
35) Caprolactam	8.563	113	78710m	48.903	ng	
36) 4-Chloro-3-methylphenol	8.651	107	317307	49.376	ng	99
37) 2-Methylnaphthalene	8.798	142	632126	50.192	ng	100
38) 1-Methylnaphthalene	8.898	142	577199	49.468	ng	99
40) 1,2,4,5-Tetrachloroben...	8.963	216	349347	50.268	ng	99
41) Hexachlorocyclopentadiene	8.945	237	161657	58.241	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	215156	51.434	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	248520	51.031	ng		96
46) 1,1'-Biphenyl	9.269	154	764574	50.227	ng		98
47) 2-Chloronaphthalene	9.292	162	596153	50.459	ng		98
48) 2-Nitroaniline	9.392	65	219191	51.079	ng		99
49) Acenaphthylene	9.704	152	908587	49.558	ng		99
50) Dimethylphthalate	9.575	163	769225	50.037	ng		98
51) 2,6-Dinitrotoluene	9.639	165	160426	49.616	ng	#	85
52) Acenaphthene	9.881	154	546135	49.625	ng		99
53) 3-Nitroaniline	9.816	138	157447	50.192	ng		95
54) 2,4-Dinitrophenol	9.922	184	87010	53.596	ng		94
55) Dibenzofuran	10.051	168	859335	49.537	ng		99
56) 4-Nitrophenol	9.981	139	94841	53.676	ng		96
57) 2,4-Dinitrotoluene	10.045	165	216131	49.997	ng		96
58) Fluorene	10.392	166	685665	49.479	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	192430	53.609	ng		94
60) Diethylphthalate	10.275	149	747799	49.469	ng		99
61) 4-Chlorophenyl-phenyle...	10.386	204	391856	49.396	ng		98
62) 4-Nitroaniline	10.434	138	141020	48.250	ng		96
63) Azobenzene	10.545	77	789272	49.220	ng		98
65) 4,6-Dinitro-2-methylph...	10.457	198	129115	53.798	ng		85
66) n-Nitrosodiphenylamine	10.510	169	592712	50.764	ng		100
67) 4-Bromophenyl-phenylether	10.875	248	237730	51.063	ng		98
68) Hexachlorobenzene	10.939	284	238870	50.720	ng		96
69) Atrazine	11.045	200	214668	50.558	ng		95
70) Pentachlorophenol	11.139	266	120334	54.352	ng		97
71) Phenanthrene	11.363	178	960996	49.534	ng		99
72) Anthracene	11.416	178	993388	49.738	ng		99
73) Carbazole	11.575	167	820085	49.597	ng		99
74) Di-n-butylphthalate	11.898	149	1158782	50.330	ng		100
75) Fluoranthene	12.551	202	1073107	49.182	ng		98
77) Benzidine	12.675	184	365921	48.415	ng		98
78) Pyrene	12.780	202	1079059	52.005	ng		99
80) Butylbenzylphthalate	13.404	149	437234	52.205	ng		94
81) Benzo(a)anthracene	13.974	228	833348	50.350	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	248582	48.122	ng		99
83) Chrysene	14.016	228	762006	49.263	ng		98
84) Bis(2-ethylhexyl)phtha...	13.957	149	592290	52.200	ng		100
85) Di-n-octyl phthalate	14.574	149	784621	50.533	ng		99
87) Indeno(1,2,3-cd)pyrene	16.915	276	546588	54.590	ng		100
88) Benzo(b)fluoranthene	15.021	252	548008	48.940	ng		99
89) Benzo(k)fluoranthene	15.051	252	580289	51.927	ng		99
90) Benzo(a)pyrene	15.386	252	510123	50.563	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	461791	55.019	ng		98
92) Benzo(g,h,i)perylene	17.357	276	443171	53.615	ng		98

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

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