Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072423\
Data File : BF134429.D
Acq On : 24 Jul 2023 14:53
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 25 01:32:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:30:14 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2023
Supervised By :mohammad ahmed 07/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	50610	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	188067	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	92918	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	181268	20.000	ng		0.00
76) Chrysene-d12	14.027	240	156648	20.000	ng		0.00
86) Perylene-d12	15.533	264	147998	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	62321	20.345	ng		0.00
7) Phenol-d6	6.469	99	79436	21.166	ng		-0.01
23) Nitrobenzene-d5	7.392	82	74456	20.030	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	25469	19.292	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	148116	20.927	ng		0.00
79) Terphenyl-d14	12.957	244	175291	19.534	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	13081	10.068	ng		95
3) Pyridine	3.404	79	28555m	9.807	ng		
4) n-Nitrosodimethylamine	3.334	42	16180m	9.387	ng		
6) Aniline	6.498	93	47148	10.659	ng		91
8) 2-Chlorophenol	6.622	128	32417	10.446	ng		98
9) Benzaldehyde	6.392	77	23560	11.722	ng		92
10) Phenol	6.487	94	39697	10.166	ng		91
11) bis(2-Chloroethyl)ether	6.569	93	28084	10.302	ng		91
12) 1,3-Dichlorobenzene	6.775	146	34234	10.259	ng		99
13) 1,4-Dichlorobenzene	6.851	146	35417	10.313	ng		99
14) 1,2-Dichlorobenzene	7.004	146	33882	10.503	ng		98
15) Benzyl Alcohol	6.975	79	28384m	9.892	ng		
16) 2,2'-oxybis(1-Chloropr...	7.110	45	42826	10.668	ng		99
17) 2-Methylphenol	7.092	107	28141	10.168	ng		97
18) Hexachloroethane	7.339	117	14139	10.717	ng		94
19) n-Nitroso-di-n-propyla...	7.239	70	24433	10.458	ng		97
20) 3+4-Methylphenols	7.245	107	38425	10.844	ng		92
22) Acetophenone	7.239	105	49129	10.504	ng		91
24) Nitrobenzene	7.416	77	36702	9.928	ng		96
25) Isophorone	7.651	82	63024	10.173	ng		97
26) 2-Nitrophenol	7.734	139	16963	9.977	ng		98
27) 2,4-Dimethylphenol	7.769	122	27579	10.278	ng		94
28) bis(2-Chloroethoxy)met...	7.863	93	34833	10.102	ng		100
29) 2,4-Dichlorophenol	7.981	162	27560	10.275	ng		94
30) 1,2,4-Trichlorobenzene	8.057	180	29839	10.313	ng		96
31) Naphthalene	8.133	128	97997	10.470	ng		99
32) Benzoic acid	7.857	122	15774m	8.903	ng		
33) 4-Chloroaniline	8.186	127	39253	10.146	ng		94
34) Hexachlorobutadiene	8.245	225	20206	10.425	ng		97
35) Caprolactam	8.533	113	8605	10.512	ng	#	90
36) 4-Chloro-3-methylphenol	8.675	107	31575	10.202	ng		98
37) 2-Methylnaphthalene	8.828	142	66817	10.274	ng		100
38) 1-Methylnaphthalene	8.928	142	60604	10.045	ng		96
40) 1,2,4,5-Tetrachloroben...	8.992	216	30709	10.429	ng		100
41) Hexachlorocyclopentadiene	8.975	237	2796	10.522	ng		93
43) 2,4,6-Trichlorophenol	9.110	196	19015	10.066	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	20999	9.541	ng		90
46) 1,1'-Biphenyl	9.292	154	77991	10.184	ng		97
47) 2-Chloronaphthalene	9.316	162	58001	10.273	ng		98
48) 2-Nitroaniline	9.422	65	19410	9.546	ng		94
49) Acenaphthylene	9.733	152	98204	10.296	ng		96
50) Dimethylphthalate	9.586	163	69138	10.037	ng		98
51) 2,6-Dinitrotoluene	9.657	165	14700	9.726	ng		100
52) Acenaphthene	9.904	154	55738	9.892	ng		97
53) 3-Nitroaniline	9.833	138	17407	10.045	ng	#	97
54) 2,4-Dinitrophenol	9.957	184	4115	11.333	ng	#	82
55) Dibenzofuran	10.080	168	86959	10.028	ng		98
56) 4-Nitrophenol	10.016	139	7121	7.706	ng	#	84
57) 2,4-Dinitrotoluene	10.069	165	19626	9.668	ng		95
58) Fluorene	10.422	166	71096	10.162	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	16213m	9.552	ng		
60) Diethylphthalate	10.292	149	71766	10.063	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	33175	9.927	ng		96
62) 4-Nitroaniline	10.445	138	17192	9.674	ng		86
63) Azobenzene	10.575	77	64868	9.882	ng		98
65) 4,6-Dinitro-2-methylph...	10.480	198	8586	8.257	ng		94
66) n-Nitrosodiphenylamine	10.533	169	59573	10.330	ng		96
67) 4-Bromophenyl-phenylether	10.904	248	20065	10.103	ng	#	89
68) Hexachlorobenzene	10.975	284	23486	10.501	ng		93
69) Atrazine	11.063	200	17231	10.716	ng		97
70) Pentachlorophenol	11.180	266	8149m	8.682	ng		
71) Phenanthrene	11.392	178	100027	10.561	ng		99
72) Anthracene	11.445	178	102739	10.510	ng		97
73) Carbazole	11.604	167	95125	10.334	ng		98
74) Di-n-butylphthalate	11.927	149	108468	10.265	ng		99
75) Fluoranthene	12.586	202	114301	10.355	ng		99
77) Benzidine	12.716	184	38741	11.583	ng		95
78) Pyrene	12.821	202	118659	9.527	ng		99
80) Butylbenzylphthalate	13.439	149	47165	9.453	ng		95
81) Benzo(a)anthracene	14.015	228	110076	10.072	ng		97
82) 3,3'-Dichlorobenzidine	13.980	252	35952	10.386	ng		97
83) Chrysene	14.057	228	104527	9.999	ng		97
84) Bis(2-ethylhexyl)phtha...	13.998	149	57616	9.505	ng	#	99
85) Di-n-octyl phthalate	14.621	149	84313	10.009	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	82469	8.529	ng		99
88) Benzo(b)fluoranthene	15.086	252	99156	10.709	ng		100
89) Benzo(k)fluoranthene	15.115	252	91763	10.075	ng		98
90) Benzo(a)pyrene	15.468	252	86692	10.130	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	64285	8.233	ng		95
92) Benzo(g,h,i)perylene	17.545	276	65626	8.185	ng		98

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

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