Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
Data File : BF125616.D
Acq On : 24 Sep 2021 11:34
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
9/27/2021 2:58:45 PM

Quant Time: Sep 24 13:06:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 13:05:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	185440	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	804531	20.00	ng		# 0.00
39) Acenaphthene-d10	9.928	164	444430	20.00	ng		0.00
64) Phenanthrene-d10	11.410	188	779360	20.00	ng		0.00
76) Chrysene-d12	14.045	240	565490	20.00	ng		0.00
86) Perylene-d12	15.515	264	421336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	251101	21.41	ng		0.00
7) Phenol-d6	6.498	99	347575	22.99	ng		-0.01
23) Nitrobenzene-d5	7.445	82	192760	15.28	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	81885	18.81	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	674831	22.96	ng		0.00
79) Terphenyl-d14	12.992	244	726525	20.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	52151	11.03	ng	#	100
3) Pyridine	3.434	79	134858	10.64	ng	#	70
4) n-Nitrosodimethylamine	3.363	42	49771	9.96	ng	#	9
6) Aniline	6.545	93	193364	11.11	ng		94
8) 2-Chlorophenol	6.669	128	141278	10.55	ng		98
9) Benzaldehyde	6.434	77	102583	12.13	ng		94
10) Phenol	6.516	94	171757	11.16	ng		85
11) bis(2-Chloroethyl)ether	6.616	93	136801	11.12	ng		99
12) 1,3-Dichlorobenzene	6.828	146	161774	11.24	ng		97
13) 1,4-Dichlorobenzene	6.904	146	164321	11.30	ng		97
14) 1,2-Dichlorobenzene	7.057	146	158836	11.69	ng		98
15) Benzyl Alcohol	7.022	79	116716	10.79	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	175877	10.39	ng		89
17) 2-Methylphenol	7.128	107	117887	11.03	ng		97
18) Hexachloroethane	7.404	117	51798	10.00	ng		94
19) n-Nitroso-di-n-propyla...	7.292	70	100783	11.14	ng	#	69
20) 3+4-Methylphenols	7.281	107	155210	11.68	ng	#	86
22) Acetophenone	7.292	105	209408	11.25	ng	#	90
24) Nitrobenzene	7.463	77	108048	8.08	ng	#	92
25) Isophorone	7.704	82	277637	10.23	ng		95
26) 2-Nitrophenol	7.781	139	34815	5.78	ng	#	87
27) 2,4-Dimethylphenol	7.816	122	119906m	9.94	ng		
28) bis(2-Chloroethoxy)met...	7.916	93	159664	10.24	ng		98
29) 2,4-Dichlorophenol	8.016	162	116915	9.59	ng		96
30) 1,2,4-Trichlorobenzene	8.110	180	136994	10.66	ng		95
31) Naphthalene	8.192	128	474051	11.47	ng		97
32) Benzoic acid	7.881	122	44223	6.04	ng		98
33) 4-Chloroaniline	8.233	127	186607	11.02	ng		99
34) Hexachlorobutadiene	8.316	225	76242	10.52	ng		98
35) Caprolactam	8.569	113	37646	11.26	ng	#	82
36) 4-Chloro-3-methylphenol	8.704	107	126794	10.58	ng		98
37) 2-Methylnaphthalene	8.881	142	321161	11.48	ng		100
38) 1-Methylnaphthalene	8.980	142	302825	11.53	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	129110	10.79	ng		99
41) Hexachlorocyclopentadiene	9.039	237	46157	6.90	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	80169	8.89	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	89681	9.48	ng	#	88
46) 1,1'-Biphenyl	9.345	154	374115	11.17	ng		99
47) 2-Chloronaphthalene	9.369	162	305261	10.98	ng		97
48) 2-Nitroaniline	9.457	65	41913	7.06	ng		98
49) Acenaphthylene	9.786	152	464114	11.35	ng		99
50) Dimethylphthalate	9.639	163	335062	10.95	ng	#	98
51) 2,6-Dinitrotoluene	9.698	165	37796	6.21	ng		92
52) Acenaphthene	9.957	154	287967	11.16	ng		97
53) 3-Nitroaniline	9.863	138	49480	7.66	ng	#	78
54) 2,4-Dinitrophenol	9.969	184	14002	6.39	ng	#	37
55) Dibenzofuran	10.128	168	439227	11.47	ng		94
56) 4-Nitrophenol	10.010	139	41172	7.85	ng		89
57) 2,4-Dinitrotoluene	10.098	165	44568	6.11	ng	#	95
58) Fluorene	10.469	166	339607	11.53	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	67528	9.50	ng	#	89
60) Diethylphthalate	10.339	149	321218	10.66	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	150092	11.46	ng		89
62) 4-Nitroaniline	10.475	138	53088	9.09	ng	#	80
63) Azobenzene	10.622	77	314247	10.73	ng		85
65) 4,6-Dinitro-2-methylph...	10.504	198	17631	4.66	ng	#	83
66) n-Nitrosodiphenylamine	10.575	169	298461	10.55	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	90046	10.11	ng		94
68) Hexachlorobenzene	11.022	284	106620	10.62	ng	#	82
69) Atrazine	11.098	200	79729	10.48	ng		96
70) Pentachlorophenol	11.210	266	46338	8.10	ng		95
71) Phenanthrene	11.433	178	502908	11.49	ng		99
72) Anthracene	11.480	178	493536	11.31	ng		99
73) Carbazole	11.633	167	480279	11.64	ng		98
74) Di-n-butylphthalate	11.969	149	492790	10.06	ng		98
75) Fluoranthene	12.616	202	508143	11.83	ng		96
77) Benzidine	12.733	184	180671	11.27	ng		97
78) Pyrene	12.845	202	521455	9.84	ng		97
80) Butylbenzylphthalate	13.468	149	170211	7.95	ng		96
81) Benzo(a)anthracene	14.033	228	426869	11.09	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	120848	10.25	ng		98
83) Chrysene	14.068	228	424179	10.91	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	211233	8.07	ng		99
85) Di-n-octyl phthalate	14.639	149	256514	5.89	ng	#	93
87) Indeno(1,2,3-cd)pyrene	16.992	276	261792	8.66	ng		98
88) Benzo(b)fluoranthene	15.080	252	334890	10.87	ng		98
89) Benzo(k)fluoranthene	15.110	252	319985m	11.35	ng		
90) Benzo(a)pyrene	15.451	252	281506	10.50	ng		98
91) Dibenzo(a,h)anthracene	17.015	278	223633	8.72	ng		97
92) Benzo(g,h,i)perylene	17.439	276	221400	8.75	ng		93

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

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