Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
Data File : BF123193.D
Acq On : 12 Feb 2021 12:41
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 12 14:22:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 14:20:25 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
2/15/2021 11:25:46 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	151844	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	552343	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	272606	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	508714	20.00	ng		0.00
76) Chrysene-d12	14.051	240	440647	20.00	ng		# 0.00
86) Perylene-d12	15.527	264	438837	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	255649	25.97	ng		0.00
7) Phenol-d6	6.486	99	332290	24.90	ng		-0.01
23) Nitrobenzene-d5	7.428	82	256601	23.38	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	67993	22.98	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	462975	25.25	ng		0.00
79) Terphenyl-d14	12.986	244	572453	25.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	56296	11.49	ng		97
3) Pyridine	3.381	79	141620	10.81	ng		98
4) n-Nitrosodimethylamine	3.304	42	60227	10.93	ng		94
6) Aniline	6.528	93	193015	11.75	ng		98
8) 2-Chlorophenol	6.651	128	141682	13.28	ng		99
9) Benzaldehyde	6.416	77	100840	16.53	ng		97
10) Phenol	6.498	94	183361m	13.86	ng		
11) bis(2-Chloroethyl)ether	6.598	93	126438	11.48	ng		100
12) 1,3-Dichlorobenzene	6.810	146	147042	11.82	ng		97
13) 1,4-Dichlorobenzene	6.886	146	150689	11.63	ng		97
14) 1,2-Dichlorobenzene	7.039	146	142575	11.76	ng		98
15) Benzyl Alcohol	7.004	79	117033	12.51	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	163568	9.63	ng		100
17) 2-Methylphenol	7.110	107	110814	12.21	ng		98
18) Hexachloroethane	7.386	117	50463	11.12	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	97072	12.10	ng		97
20) 3+4-Methylphenols	7.263	107	146660	13.71	ng	#	77
22) Acetophenone	7.275	105	182451	12.68	ng		96
24) Nitrobenzene	7.445	77	135867	12.02	ng		97
25) Isophorone	7.686	82	235758	11.73	ng		99
26) 2-Nitrophenol	7.763	139	61942	13.25	ng		95
27) 2,4-Dimethylphenol	7.798	122	98026	11.62	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	128228	9.35	ng		99
29) 2,4-Dichlorophenol	8.004	162	97946	11.10	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	105888	10.65	ng		99
31) Naphthalene	8.175	128	369315	12.19	ng		99
32) Benzoic acid	7.880	122	57757	9.33	ng		98
33) 4-Chloroaniline	8.222	127	149473	11.12	ng		99
34) Hexachlorobutadiene	8.298	225	57996	10.10	ng		100
35) Caprolactam	8.557	113	32808	11.00	ng		91
36) 4-Chloro-3-methylphenol	8.698	107	112674	12.28	ng		99
37) 2-Methylnaphthalene	8.869	142	245280	12.19	ng		99
38) 1-Methylnaphthalene	8.969	142	231593	12.16	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	90996	10.73	ng		98
41) Hexachlorocyclopentadiene	9.022	237	35048	8.71	ng		97
43) 2,4,6-Trichlorophenol	9.145	196	66126	11.37	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	72892	11.99	ng		95
46) 1,1'-Biphenyl	9.327	154	274202	12.26	ng		99
47) 2-Chloronaphthalene	9.357	162	217591	11.62	ng		99
48) 2-Nitroaniline	9.445	65	69191	12.20	ng		84
49) Acenaphthylene	9.774	152	351472	12.83	ng		97
50) Dimethylphthalate	9.627	163	240201	11.23	ng		99
51) 2,6-Dinitrotoluene	9.686	165	56217	12.34	ng	#	82
52) Acenaphthene	9.945	154	222975	12.67	ng		98
53) 3-Nitroaniline	9.857	138	67088	12.45	ng		96
54) 2,4-Dinitrophenol	9.963	184	22395	13.04	ng		87
55) Dibenzofuran	10.116	168	309237	12.08	ng		96
56) 4-Nitrophenol	10.010	139	53911	13.84	ng		88
57) 2,4-Dinitrotoluene	10.092	165	76693	12.94	ng		98
58) Fluorene	10.463	166	241561	11.81	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	58634	11.37	ng	#	85
60) Diethylphthalate	10.327	149	247872	11.79	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	105348	10.96	ng		89
62) 4-Nitroaniline	10.463	138	66743	12.33	ng		97
63) Azobenzene	10.610	77	258115	12.54	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	35440	13.86	ng		76
66) n-Nitrosodiphenylamine	10.569	169	211563	11.54	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	66006	10.19	ng		94
68) Hexachlorobenzene	11.010	284	72676	10.46	ng	#	87
69) Atrazine	11.092	200	66103	13.05	ng		97
70) Pentachlorophenol	11.204	266	42627	11.32	ng		98
71) Phenanthrene	11.427	178	373802	11.83	ng		98
72) Anthracene	11.474	178	375825	12.40	ng		97
73) Carbazole	11.627	167	356217	12.66	ng		98
74) Di-n-butylphthalate	11.963	149	392442	11.77	ng		99
75) Fluoranthene	12.615	202	384443	12.17	ng		98
77) Benzidine	12.739	184	195728	19.63	ng		99
78) Pyrene	12.845	202	401251	12.06	ng		99
80) Butylbenzylphthalate	13.468	149	188522	13.17	ng		97
81) Benzo(a)anthracene	14.039	228	364204	12.21	ng		97
82) 3,3'-Dichlorobenzidine	13.998	252	128508	13.69	ng	#	96
83) Chrysene	14.074	228	365765	12.25	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	236799	12.45	ng	#	97
85) Di-n-octyl phthalate	14.645	149	401138	12.56	ng		98
87) Indeno(1,2,3-cd)pyrene	17.009	276	374916	12.83	ng	#	94
88) Benzo(b)fluoranthene	15.092	252	380053	12.00	ng		97
89) Benzo(k)fluoranthene	15.121	252	333226	11.32	ng		98
90) Benzo(a)pyrene	15.462	252	329847	11.86	ng		97
91) Dibenzo(a,h)anthracene	17.021	278	321093	13.35	ng	#	96
92) Benzo(g,h,i)perylene	17.456	276	313372	13.44	ng	#	96

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

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