Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021221\
Data File : BF123192.D
Acq On : 12 Feb 2021 12:09
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
2/15/2021 11:25:43 AM

Quant Time: Feb 12 14:22:18 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	146076	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	595726	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	286419	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	535576	20.00	ng	#	0.00
76) Chrysene-d12	14.051	240	452706	20.00	ng		0.00
86) Perylene-d12	15.527	264	436621	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	99756	10.53	ng		0.00
7) Phenol-d6	6.481	99	136847	10.66	ng		-0.02
23) Nitrobenzene-d5	7.422	82	110361	9.32	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	28928	9.30	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	206622	10.72	ng		0.00
79) Terphenyl-d14	12.986	244	232165	10.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	24235	5.14	ng		99
3) Pyridine	3.393	79	60796	4.83	ng		91
4) n-Nitrosodimethylamine	3.310	42	26396	4.98	ng	#	91
6) Aniline	6.522	93	77155	4.88	ng		98
8) 2-Chlorophenol	6.651	128	56207	5.48	ng		98
9) Benzaldehyde	6.416	77	40699	6.94	ng		97
10) Phenol	6.498	94	75179m	5.91	ng		
11) bis(2-Chloroethyl)ether	6.592	93	49987	4.72	ng		96
12) 1,3-Dichlorobenzene	6.810	146	58668	4.90	ng		98
13) 1,4-Dichlorobenzene	6.886	146	60070	4.82	ng		97
14) 1,2-Dichlorobenzene	7.039	146	55735	4.78	ng		96
15) Benzyl Alcohol	7.004	79	45586	5.07	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	66400	4.06	ng		99
17) 2-Methylphenol	7.110	107	45795	5.24	ng		96
18) Hexachloroethane	7.386	117	20789	4.76	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	39037	5.06	ng		96
20) 3+4-Methylphenols	7.263	107	59822	5.81	ng	#	82
22) Acetophenone	7.269	105	74340	4.79	ng	#	96
24) Nitrobenzene	7.445	77	60017	4.92	ng		97
25) Isophorone	7.681	82	102414	4.72	ng		97
26) 2-Nitrophenol	7.763	139	24833	4.92	ng		97
27) 2,4-Dimethylphenol	7.798	122	42100	4.63	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	57261	3.87	ng		96
29) 2,4-Dichlorophenol	8.004	162	41131	4.32	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	46304	4.32	ng		96
31) Naphthalene	8.175	128	167658	5.13	ng		98
33) 4-Chloroaniline	8.216	127	65144	4.49	ng	#	94
34) Hexachlorobutadiene	8.292	225	25868	4.18	ng		99
35) Caprolactam	8.545	113	13928	4.33	ng		97
36) 4-Chloro-3-methylphenol	8.692	107	49335	4.99	ng		94
37) 2-Methylnaphthalene	8.869	142	107145	4.94	ng		98
38) 1-Methylnaphthalene	8.963	142	100187	4.88	ng		100
40) 1,2,4,5-Tetrachloroben...	9.033	216	38643	4.34	ng	#	96
41) Hexachlorocyclopentadiene	9.022	237	12322	2.91	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	28052	4.59	ng		97
44) 2,4,5-Trichlorophenol	9.180	196	30395	4.76	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.327	154	121554	5.17	ng		98
47) 2-Chloronaphthalene	9.357	162	94986	4.83	ng		99
48) 2-Nitroaniline	9.445	65	29186	4.90	ng		87
49) Acenaphthylene	9.769	152	151994	5.28	ng		99
50) Dimethylphthalate	9.622	163	105527	4.70	ng		100
51) 2,6-Dinitrotoluene	9.686	165	23856	4.98	ng	#	87
52) Acenaphthene	9.945	154	97850	5.29	ng		99
53) 3-Nitroaniline	9.851	138	28149	4.97	ng		90
55) Dibenzofuran	10.116	168	138414	5.14	ng		97
56) 4-Nitrophenol	10.010	139	20408	4.99	ng		80
57) 2,4-Dinitrotoluene	10.092	165	31038	4.99	ng		94
58) Fluorene	10.457	166	107752	5.01	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	24305m	4.49	ng		
60) Diethylphthalate	10.327	149	106089	4.80	ng		96
61) 4-Chlorophenyl-phenyle...	10.451	204	47589	4.71	ng		93
62) 4-Nitroaniline	10.463	138	29006	5.10	ng		92
63) Azobenzene	10.610	77	113251	5.24	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	11347	4.22	ng		73
66) n-Nitrosodiphenylamine	10.563	169	92157	4.77	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	27789	4.07	ng		100
68) Hexachlorobenzene	11.010	284	31104	4.25	ng	#	89
69) Atrazine	11.092	200	26617	4.99	ng		96
70) Pentachlorophenol	11.204	266	15415	3.89	ng		98
71) Phenanthrene	11.421	178	165453	4.97	ng		96
72) Anthracene	11.474	178	160999	5.05	ng		98
73) Carbazole	11.627	167	155016	5.23	ng		97
74) Di-n-butylphthalate	11.963	149	160725	4.58	ng		98
75) Fluoranthene	12.615	202	160872	4.84	ng		99
77) Benzidine	12.733	184	73069	7.13	ng		99
78) Pyrene	12.845	202	168600	4.93	ng		98
80) Butylbenzylphthalate	13.468	149	65753	4.47	ng		96
81) Benzo(a)anthracene	14.039	228	154971	5.06	ng		96
82) 3,3'-Dichlorobenzidine	13.998	252	50435	5.23	ng	#	97
83) Chrysene	14.074	228	151101	4.93	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	92303	4.72	ng	#	95
85) Di-n-octyl phthalate	14.645	149	154589	4.71	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	162247	5.58	ng	#	94
88) Benzo(b)fluoranthene	15.092	252	148597	4.72	ng		97
89) Benzo(k)fluoranthene	15.121	252	149245	5.10	ng		97
90) Benzo(a)pyrene	15.456	252	136854	4.94	ng	#	97
91) Dibenzo(a,h)anthracene	17.021	278	135344	5.66	ng	#	94
92) Benzo(g,h,i)perylene	17.450	276	134632	5.81	ng		95

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

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