Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040221\
Data File : BF123550.D
Acq On : 1 Apr 2021 19:56
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
4/2/2021 12:10:41 PM

Quant Time: Apr 02 00:33:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 18:46:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	142012	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	497643	20.00	ng		# 0.00
39) Acenaphthene-d10	9.933	164	269961	20.00	ng		0.00
64) Phenanthrene-d10	11.422	188	468835	20.00	ng		# 0.00
76) Chrysene-d12	14.068	240	267975	20.00	ng		0.00
86) Perylene-d12	15.551	264	225678	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1199829	147.44	ng		0.01
7) Phenol-d6	6.534	99	1611900	143.01	ng		0.02
23) Nitrobenzene-d5	7.463	82	1592414	164.83	ng		0.01
42) 2,4,6-Tribromophenol	10.733	330	610832	171.72	ng		0.01
45) 2-Fluorobiphenyl	9.257	172	3164854	168.14	ng		0.00
79) Terphenyl-d14	13.016	244	3126373	179.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	239938	68.86	ng	#	62
3) Pyridine	3.434	79	610663	71.39	ng	#	50
4) n-Nitrosodimethylamine	3.410	42	460200	75.44	ng	#	52
6) Aniline	6.563	93	909012	72.03	ng		93
8) 2-Chlorophenol	6.681	128	683535	72.22	ng		92
10) Phenol	6.545	94	841286	71.54	ng		79
11) bis(2-Chloroethyl)ether	6.634	93	616917	71.56	ng		87
12) 1,3-Dichlorobenzene	6.834	146	798679	76.29	ng		98
13) 1,4-Dichlorobenzene	6.904	146	803010	75.00	ng		97
14) 1,2-Dichlorobenzene	7.063	146	763820	75.52	ng		98
15) Benzyl Alcohol	7.039	79	665360	79.18	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1266802	72.40	ng		91
17) 2-Methylphenol	7.139	107	550599	77.47	ng		93
18) Hexachloroethane	7.404	117	299514	77.27	ng		98
19) n-Nitroso-di-n-propyla...	7.322	70	552566	77.38	ng	#	78
20) 3+4-Methylphenols	7.310	107	716195	77.18	ng		87
22) Acetophenone	7.310	105	999945	80.63	ng	#	81
24) Nitrobenzene	7.481	77	798174	81.13	ng	#	89
25) Isophorone	7.728	82	1424998	81.41	ng		99
26) 2-Nitrophenol	7.792	139	383133	85.81	ng		89
27) 2,4-Dimethylphenol	7.834	122	576006	86.19	ng		94
28) bis(2-Chloroethoxy)met...	7.928	93	748846	82.09	ng		99
29) 2,4-Dichlorophenol	8.039	162	631534	83.77	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	661319	81.47	ng		93
31) Naphthalene	8.198	128	1978542	79.29	ng		99
32) Benzoic acid	8.004	122	448482	97.86	ng		86
33) 4-Chloroaniline	8.245	127	771967	77.56	ng	#	93
34) Hexachlorobutadiene	8.316	225	452728	83.44	ng		98
35) Caprolactam	8.663	113	192850m	85.21	ng		
36) 4-Chloro-3-methylphenol	8.733	107	657673	79.52	ng		95
37) 2-Methylnaphthalene	8.892	142	1436986	78.19	ng		99
38) 1-Methylnaphthalene	8.992	142	1336816	76.42	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	675619	85.70	ng		98
41) Hexachlorocyclopentadiene	9.045	237	404666	97.41	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	474700	85.36	ng		99
44) 2,4,5-Trichlorophenol	9.216	196	507010	84.92	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.363	154	1713883	83.28	ng		97
47) 2-Chloronaphthalene	9.386	162	1321420	81.75	ng		97
48) 2-Nitroaniline	9.475	65	447275	82.81	ng	#	76
49) Acenaphthylene	9.798	152	1990296	79.71	ng		99
50) Dimethylphthalate	9.669	163	1537453	81.67	ng		99
51) 2,6-Dinitrotoluene	9.728	165	350919	83.56	ng	#	90
52) Acenaphthene	9.975	154	1369273	82.53	ng		98
53) 3-Nitroaniline	9.898	138	342709	78.30	ng		95
54) 2,4-Dinitrophenol	9.998	184	209401	101.90	ng		90
55) Dibenzofuran	10.145	168	1825285	79.93	ng		96
56) 4-Nitrophenol	10.057	139	271857	79.48	ng	#	68
57) 2,4-Dinitrotoluene	10.133	165	461330	81.97	ng	#	93
58) Fluorene	10.486	166	1518694	82.55	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	422383	86.78	ng		92
60) Diethylphthalate	10.363	149	1595250	81.05	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	735694	83.39	ng		94
62) 4-Nitroaniline	10.522	138	335943	77.42	ng	#	82
63) Azobenzene	10.639	77	1495834	79.42	ng		91
65) 4,6-Dinitro-2-methylph...	10.545	198	276468	96.63	ng		91
66) n-Nitrosodiphenylamine	10.604	169	1337567	83.59	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	482431	87.41	ng		97
68) Hexachlorobenzene	11.039	284	532866	85.66	ng		93
69) Atrazine	11.127	200	437231	83.35	ng		99
70) Pentachlorophenol	11.227	266	326768	93.24	ng		98
71) Phenanthrene	11.451	178	2021400	78.93	ng		100
72) Anthracene	11.504	178	2031185	79.11	ng		99
73) Carbazole	11.657	167	1805074	76.64	ng		100
74) Di-n-butylphthalate	11.986	149	2389537	81.07	ng		100
75) Fluoranthene	12.639	202	1995487	69.50	ng		97
77) Benzidine	12.757	184	615707	66.30	ng		99
78) Pyrene	12.869	202	1966047	86.63	ng		99
80) Butylbenzylphthalate	13.486	149	846766	86.70	ng		98
81) Benzo(a)anthracene	14.063	228	1456688	81.01	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	396802	72.92	ng		98
83) Chrysene	14.098	228	1378644	78.94	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	1188754	91.79	ng	#	98
85) Di-n-octyl phthalate	14.663	149	1717966	89.46	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.068	276	1219231	94.22	ng	#	94
88) Benzo(b)fluoranthene	15.121	252	1255627	81.38	ng	#	95
89) Benzo(k)fluoranthene	15.157	252	1120742	77.07	ng	#	97
90) Benzo(a)pyrene	15.498	252	1058323	82.25	ng	#	97
91) Dibenzo(a,h)anthracene	17.092	278	1037630	94.89	ng	#	97
92) Benzo(g,h,i)perylene	17.527	276	995589	94.50	ng	#	95

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

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