Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123043.D
Acq On : 27 Jan 2021 14:07
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:59 AM

Quant Time: Jan 27 15:59:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 15:49:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	263354	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	962566	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	506250	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	891481	20.00	ng		0.00
76) Chrysene-d12	14.086	240	736728	20.00	ng		# 0.00
86) Perylene-d12	15.568	264	692990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1607068	94.13	ng		0.00
7) Phenol-d6	6.522	99	2169070	93.73	ng		0.00
23) Nitrobenzene-d5	7.463	82	1902482	99.47	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	562758	102.40	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	3138340	90.49	ng		0.00
79) Terphenyl-d14	13.027	244	3691414	93.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	412615	48.58	ng		95
3) Pyridine	3.422	79	1102558	48.54	ng		95
4) n-Nitrosodimethylamine	3.387	42	468174	48.98	ng		95
6) Aniline	6.557	93	1382075	48.52	ng		100
8) 2-Chlorophenol	6.681	128	876053	47.34	ng		96
9) Benzaldehyde	6.445	77	491743	46.29	ng		98
10) Phenol	6.534	94	1099352m	46.72	ng		
11) bis(2-Chloroethyl)ether	6.634	93	902204	47.24	ng		97
12) 1,3-Dichlorobenzene	6.839	146	1011387	46.86	ng		98
13) 1,4-Dichlorobenzene	6.916	146	1016453	46.72	ng		98
14) 1,2-Dichlorobenzene	7.069	146	935873	46.27	ng		98
15) Benzyl Alcohol	7.039	79	785809	48.44	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1392663	47.29	ng		96
17) 2-Methylphenol	7.145	107	750974	47.69	ng		98
18) Hexachloroethane	7.416	117	376400	47.81	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	655231	47.08	ng		96
20) 3+4-Methylphenols	7.298	107	898892	46.23	ng	#	80
22) Acetophenone	7.310	105	1173967	46.81	ng	#	96
24) Nitrobenzene	7.481	77	974557	49.46	ng		97
25) Isophorone	7.722	82	1707227	48.73	ng		100
26) 2-Nitrophenol	7.792	139	445754	54.70	ng		98
27) 2,4-Dimethylphenol	7.828	122	736463	50.83	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1156065	48.36	ng		99
29) 2,4-Dichlorophenol	8.033	162	766675	49.86	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	839372	48.45	ng		99
31) Naphthalene	8.204	128	2500259	47.35	ng		98
32) Benzoic acid	7.957	122	608736	59.65	ng		97
33) 4-Chloroaniline	8.251	127	1134744	48.43	ng		98
34) Hexachlorobutadiene	8.322	225	488004	48.77	ng		98
35) Caprolactam	8.633	113	259748	49.98	ng		89
36) 4-Chloro-3-methylphenol	8.727	107	789217	49.36	ng		97
37) 2-Methylnaphthalene	8.898	142	1655376	47.23	ng		99
38) 1-Methylnaphthalene	8.998	142	1552232	46.77	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	757850	48.12	ng		98
41) Hexachlorocyclopentadiene	9.051	237	384897	51.48	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	551099	51.04	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	567951	50.30	ng		99
46) 1,1'-Biphenyl	9.363	154	1952889	47.03	ng		99
47) 2-Chloronaphthalene	9.386	162	1656134	47.64	ng		99
48) 2-Nitroaniline	9.480	65	547258	51.94	ng		89
49) Acenaphthylene	9.804	152	2426496	47.69	ng		99
50) Dimethylphthalate	9.669	163	1905635	47.98	ng		100
51) 2,6-Dinitrotoluene	9.722	165	434522	51.36	ng	#	87
52) Acenaphthene	9.980	154	1551628	47.48	ng		99
53) 3-Nitroaniline	9.892	138	510728	51.05	ng		91
54) 2,4-Dinitrophenol	9.992	184	185557	63.02	ng		98
55) Dibenzofuran	10.151	168	2158998	46.95	ng		100
56) 4-Nitrophenol	10.039	139	391093	54.08	ng		86
57) 2,4-Dinitrotoluene	10.127	165	577423	52.48	ng		98
58) Fluorene	10.492	166	1626499	46.07	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	483606	50.51	ng		95
60) Diethylphthalate	10.363	149	1896580	48.56	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	805247	46.61	ng		95
62) 4-Nitroaniline	10.510	138	511851	50.92	ng		98
63) Azobenzene	10.645	77	1809143	47.34	ng		97
65) 4,6-Dinitro-2-methylph...	10.533	198	255011	60.75	ng		84
66) n-Nitrosodiphenylamine	10.604	169	1536440	47.81	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	562962	49.59	ng		98
68) Hexachlorobenzene	11.045	284	600690	49.33	ng		99
69) Atrazine	11.127	200	436561	49.20	ng		99
70) Pentachlorophenol	11.233	266	353649	53.59	ng		99
71) Phenanthrene	11.457	178	2509700	46.76	ng		98
72) Anthracene	11.510	178	2492504	46.93	ng		98
73) Carbazole	11.663	167	2327605	47.22	ng		100
74) Di-n-butylphthalate	11.998	149	2778416	47.54	ng		99
75) Fluoranthene	12.651	202	2634747	47.61	ng		97
77) Benzidine	12.768	184	888445	53.29	ng		99
78) Pyrene	12.880	202	2672975	48.06	ng		98
80) Butylbenzylphthalate	13.504	149	1239801	51.81	ng		99
81) Benzo(a)anthracene	14.074	228	2395029	48.03	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	800599	51.02	ng		98
83) Chrysene	14.115	228	2389680	47.89	ng		97
84) Bis(2-ethylhexyl)phtha...	14.062	149	1565365	49.23	ng		99
85) Di-n-octyl phthalate	14.686	149	2743560	51.37	ng		97
87) Indeno(1,2,3-cd)pyrene	17.080	276	2270002	49.19	ng		96
88) Benzo(b)fluoranthene	15.139	252	2383999	47.66	ng		99
89) Benzo(k)fluoranthene	15.168	252	2324021	50.00	ng		98
90) Benzo(a)pyrene	15.515	252	2172754	49.46	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	1870017	49.23	ng	#	96
92) Benzo(g,h,i)perylene	17.539	276	1791715	48.68	ng		97

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

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