Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100721\
Data File : BF125769.D
Acq On : 7 Oct 2021 14:33
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
10/11/2021 2:07:57 PM

Quant Time: Oct 07 15:26:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 15:23:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	251570	20.00	ng		0.00
21) Naphthalene-d8	8.128	136	952227	20.00	ng		# 0.00
39) Acenaphthene-d10	9.881	164	489692	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	772985	20.00	ng		0.00
76) Chrysene-d12	13.992	240	338782	20.00	ng		0.00
86) Perylene-d12	15.445	264	415008	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1371802	89.84	ng		0.00
7) Phenol-d6	6.475	99	1766331	86.04	ng		0.00
23) Nitrobenzene-d5	7.410	82	1448911	106.13	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	449623	98.48	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2576721	85.02	ng		0.00
79) Terphenyl-d14	12.945	244	2090305	106.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	300488	46.24	ng	#	100
3) Pyridine	3.340	79	796761	46.36	ng	#	71
4) n-Nitrosodimethylamine	3.299	42	284124	44.55	ng	#	1
6) Aniline	6.510	93	1039870	43.87	ng		95
8) 2-Chlorophenol	6.634	128	762397	44.02	ng		99
9) Benzaldehyde	6.398	77	497390	46.65	ng		94
10) Phenol	6.487	94	869522m	41.90	ng		
11) bis(2-Chloroethyl)ether	6.587	93	705861	43.77	ng		97
12) 1,3-Dichlorobenzene	6.787	146	833294	43.57	ng		97
13) 1,4-Dichlorobenzene	6.863	146	848166	43.59	ng		97
14) 1,2-Dichlorobenzene	7.022	146	789324	42.99	ng		98
15) Benzyl Alcohol	6.987	79	603315	42.37	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.128	45	909283	44.30	ng		86
17) 2-Methylphenol	7.092	107	616494	43.41	ng		96
18) Hexachloroethane	7.363	117	295447	46.78	ng	#	88
19) n-Nitroso-di-n-propyla...	7.263	70	469044	40.13	ng	#	69
20) 3+4-Methylphenols	7.251	107	723065	40.49	ng		92
22) Acetophenone	7.257	105	930757	43.08	ng	#	92
24) Nitrobenzene	7.428	77	706527	50.88	ng		96
25) Isophorone	7.669	82	1262856	41.30	ng	#	94
26) 2-Nitrophenol	7.745	139	385131	65.04	ng	#	94
27) 2,4-Dimethylphenol	7.781	122	589792	43.38	ng		96
28) bis(2-Chloroethoxy)met...	7.881	93	874274	50.70	ng		99
29) 2,4-Dichlorophenol	7.981	162	638078	47.24	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	673527	45.81	ng		98
31) Naphthalene	8.151	128	2082817	42.60	ng		99
32) Benzoic acid	7.904	122	470866	54.69	ng		98
33) 4-Chloroaniline	8.198	127	895292	43.65	ng		99
34) Hexachlorobutadiene	8.269	225	382822	47.22	ng		100
35) Caprolactam	8.575	113	186163	42.24	ng	#	82
36) 4-Chloro-3-methylphenol	8.675	107	613892	43.37	ng		99
37) 2-Methylnaphthalene	8.839	142	1357788	40.95	ng		100
38) 1-Methylnaphthalene	8.939	142	1311122	41.84	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	591636	46.45	ng		99
41) Hexachlorocyclopentadiene	8.998	237	325085	60.33	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	448290	50.19	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	472223	48.97	ng		93
46) 1,1'-Biphenyl	9.304	154	1637642	45.35	ng		96
47) 2-Chloronaphthalene	9.328	162	1346283	45.03	ng		99
48) 2-Nitroaniline	9.422	65	345462	57.61	ng		88
49) Acenaphthylene	9.745	152	1933118	42.95	ng		97
50) Dimethylphthalate	9.604	163	1476614	44.76	ng		98
51) 2,6-Dinitrotoluene	9.663	165	315497	55.30	ng		94
52) Acenaphthene	9.916	154	1224891	43.41	ng		96
53) 3-Nitroaniline	9.833	138	373288	55.45	ng	#	95
54) 2,4-Dinitrophenol	9.933	184	149308	64.29	ng	#	72
55) Dibenzofuran	10.086	168	1790406	42.29	ng		98
56) 4-Nitrophenol	9.981	139	280781	46.21	ng		88
57) 2,4-Dinitrotoluene	10.063	165	405831	58.46	ng	#	88
58) Fluorene	10.428	166	1294342	39.28	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	360374	48.56	ng	#	89
60) Diethylphthalate	10.304	149	1415045	44.49	ng		98
61) 4-Chlorophenyl-phenyle...	10.422	204	619373	42.29	ng		89
62) 4-Nitroaniline	10.445	138	338800	49.45	ng	#	75
63) Azobenzene	10.580	77	1318442	42.93	ng		85
65) 4,6-Dinitro-2-methylph...	10.475	198	212977	66.45	ng	#	67
66) n-Nitrosodiphenylamine	10.539	169	1197778	45.14	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	396615	48.89	ng		96
68) Hexachlorobenzene	10.975	284	442867	46.52	ng	#	90
69) Atrazine	11.063	200	354992	50.45	ng		95
70) Pentachlorophenol	11.163	266	261054	51.88	ng		93
71) Phenanthrene	11.386	178	1840284	42.46	ng		96
72) Anthracene	11.439	178	1867013	43.59	ng		97
73) Carbazole	11.592	167	1710246	40.57	ng		99
74) Di-n-butylphthalate	11.922	149	1930120	45.42	ng		99
75) Fluoranthene	12.574	202	1627666	35.13	ng		98
77) Benzidine	12.686	184	547953	61.57	ng		97
78) Pyrene	12.798	202	1605040	52.42	ng		96
80) Butylbenzylphthalate	13.416	149	541304	53.39	ng		95
81) Benzo(a)anthracene	13.986	228	1018328	44.25	ng		99
82) 3,3'-Dichlorobenzidine	13.945	252	353854	53.29	ng		96
83) Chrysene	14.021	228	1014388	43.92	ng		97
84) Bis(2-ethylhexyl)phtha...	13.980	149	603304	51.98	ng	#	98
85) Di-n-octyl phthalate	14.592	149	1138768	66.89	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.904	276	1500748	53.27	ng		98
88) Benzo(b)fluoranthene	15.027	252	1089868	37.48	ng		97
89) Benzo(k)fluoranthene	15.057	252	1117685	40.12	ng	#	98
90) Benzo(a)pyrene	15.386	252	998035	38.56	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	1234254	52.42	ng		99
92) Benzo(g,h,i)perylene	17.345	276	1268286	52.74	ng		94

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

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