Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124935.D
Acq On : 4 Aug 2021 13:13
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:12 PM

Quant Time: Aug 04 14:26:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 14:23:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	8081	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	28123	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	15424	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	26445	20.000	ng	0.00
76) Chrysene-d12	14.004	240	17528	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	14284	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	45216	94.738	ng	0.00
7) Phenol-d6	6.475	99	59060	98.707	ng	0.00
23) Nitrobenzene-d5	7.410	82	53818	113.897	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	13827	104.410	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	103813	98.856	ng	0.00
79) Terphenyl-d14	12.951	244	110677	108.236	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.605	88	9068	54.354	ng	# 100
3) Pyridine	3.357	79	22190	56.187	ng	87
4) n-Nitrosodimethylamine	3.322	42	14803	47.397	ng	# 71
6) Aniline	6.504	93	30683	49.898	ng	95
8) 2-Chlorophenol	6.628	128	24716	45.914	ng	93
9) Benzaldehyde	6.393	77	14183	44.027	ng	95
10) Phenol	6.487	94	30096	52.525	ng	89
11) bis(2-Chloroethyl)ether	6.581	93	22230	48.932	ng	98
12) 1,3-Dichlorobenzene	6.781	146	27598	47.170	ng	99
13) 1,4-Dichlorobenzene	6.857	146	27797	47.490	ng	97
14) 1,2-Dichlorobenzene	7.010	146	25390	44.896	ng	95
15) Benzyl Alcohol	6.987	79	21093	53.608	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	35887	46.933	ng	94
17) 2-Methylphenol	7.093	107	19469	49.645	ng	97
18) Hexachloroethane	7.351	117	11159	50.299	ng	90
19) n-Nitroso-di-n-propyla...	7.263	70	17685	55.352	ng	# 83
20) 3+4-Methylphenols	7.251	107	24385	47.063	ng	# 81
22) Acetophenone	7.257	105	33830	51.909	ng	97
24) Nitrobenzene	7.428	77	25710	55.499	ng	98
25) Isophorone	7.669	82	45544	54.511	ng	94
26) 2-Nitrophenol	7.740	139	13422	52.311	ng	# 87
27) 2,4-Dimethylphenol	7.775	122	18186	46.062	ng	84
28) bis(2-Chloroethoxy)met...	7.875	93	26303	54.174	ng	96
29) 2,4-Dichlorophenol	7.981	162	21118	50.505	ng	92
30) 1,2,4-Trichlorobenzene	8.063	180	22891	49.950	ng	98
31) Naphthalene	8.145	128	72206	49.199	ng	98
32) Benzoic acid	7.922	122	11060	36.192	ng	88
33) 4-Chloroaniline	8.192	127	26238	47.542	ng	# 94
34) Hexachlorobutadiene	8.257	225	14119	51.540	ng	98
35) Caprolactam	8.581	113	5633m	51.832	ng	
36) 4-Chloro-3-methylphenol	8.675	107	21186	53.120	ng	92
37) 2-Methylnaphthalene	8.834	142	47971	48.918	ng	99
38) 1-Methylnaphthalene	8.934	142	44196	47.574	ng	93
40) 1,2,4,5-Tetrachloroben...	8.998	216	22299	51.816	ng	97
41) Hexachlorocyclopentadiene	8.986	237	7974	31.318	ng	92
43) 2,4,6-Trichlorophenol	9.116	196	14724	48.196	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	15608	49.757	ng		98
46) 1,1'-Biphenyl	9.298	154	55207	47.951	ng		99
47) 2-Chloronaphthalene	9.328	162	45211	49.605	ng		100
48) 2-Nitroaniline	9.422	65	13610	57.029	ng		92
49) Acenaphthylene	9.739	152	67398	47.952	ng		97
50) Dimethylphthalate	9.604	163	52076	49.034	ng	#	96
51) 2,6-Dinitrotoluene	9.669	165	11515	49.077	ng		91
52) Acenaphthene	9.916	154	41006	44.010	ng		98
53) 3-Nitroaniline	9.839	138	12008	48.646	ng	#	81
54) 2,4-Dinitrophenol	9.945	184	5550	40.906	ng	#	80
55) Dibenzofuran	10.086	168	63330	47.566	ng		99
56) 4-Nitrophenol	9.992	139	8599	44.114	ng	#	85
57) 2,4-Dinitrotoluene	10.069	165	15591	48.966	ng	#	97
58) Fluorene	10.428	166	48523	47.507	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	11970	48.318	ng	#	92
60) Diethylphthalate	10.298	149	51786	46.891	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	23211	47.010	ng		97
62) 4-Nitroaniline	10.457	138	11783	48.242	ng		95
63) Azobenzene	10.581	77	51068	52.268	ng		95
65) 4,6-Dinitro-2-methylph...	10.480	198	8517	49.731	ng		95
66) n-Nitrosodiphenylamine	10.539	169	42136	49.168	ng		96
67) 4-Bromophenyl-phenylether	10.910	248	14849	52.944	ng		95
68) Hexachlorobenzene	10.975	284	15652	53.736	ng	#	90
69) Atrazine	11.063	200	12988	49.848	ng		94
70) Pentachlorophenol	11.169	266	7036	38.846	ng		93
71) Phenanthrene	11.392	178	69808	49.080	ng		98
72) Anthracene	11.445	178	71361	50.186	ng		99
73) Carbazole	11.598	167	65094	48.838	ng		99
74) Di-n-butylphthalate	11.922	149	82584	46.518	ng		99
75) Fluoranthene	12.580	202	72249	49.777	ng		97
77) Benzidine	12.698	184	19739	39.935	ng		97
78) Pyrene	12.810	202	73470	52.946	ng		99
80) Butylbenzylphthalate	13.422	149	32374	48.710	ng		93
81) Benzo(a)anthracene	13.992	228	59102	51.584	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	15159	47.674	ng	#	94
83) Chrysene	14.033	228	57487	52.080	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	44709	45.669	ng		98
85) Di-n-octyl phthalate	14.586	149	70456	44.351	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	44116	53.496	ng		93
88) Benzo(b)fluoranthene	15.039	252	48875	48.598	ng	#	94
89) Benzo(k)fluoranthene	15.068	252	47240	51.408	ng		97
90) Benzo(a)pyrene	15.404	252	42523	50.616	ng		95
91) Dibenzo(a,h)anthracene	16.945	278	38261	52.999	ng	#	93
92) Benzo(g,h,i)perylene	17.374	276	37834	55.265	ng		92

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

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