Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124635.D
Acq On : 20 Jul 2021 19:14
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:18 AM

Quant Time: Jul 21 03:12:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	7170	20.000	ng	-0.01
21) Naphthalene-d8	8.192	136	26138	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	14439	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	23903	20.000	ng	#-0.01
76) Chrysene-d12	14.074	240	12199	20.000	ng	-0.01
86) Perylene-d12	15.557	264	10608	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	32537	78.623	ng	-0.02
7) Phenol-d6	6.528	99	39874	79.204	ng	-0.02
23) Nitrobenzene-d5	7.469	82	34490	83.298	ng	-0.02
42) 2,4,6-Tribromophenol	10.739	330	9596	85.402	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	77746	78.518	ng	-0.01
79) Terphenyl-d14	13.021	244	66915	92.109	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	5745	41.532	ng	# 100
3) Pyridine	3.475	79	14315m	41.233	ng	
4) n-Nitrosodimethylamine	3.434	42	11054m	39.174	ng	
6) Aniline	6.569	93	20252	38.180	ng	97
8) 2-Chlorophenol	6.687	128	17939	38.666	ng	93
9) Benzaldehyde	6.457	77	10415	35.264	ng	92
10) Phenol	6.540	94	19374	39.417	ng	97
11) bis(2-Chloroethyl)ether	6.640	93	15327	40.222	ng	97
12) 1,3-Dichlorobenzene	6.845	146	20193	39.766	ng	95
13) 1,4-Dichlorobenzene	6.922	146	20029	38.617	ng	96
14) 1,2-Dichlorobenzene	7.075	146	18761	38.062	ng	93
15) Benzyl Alcohol	7.045	79	14031	40.280	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	26000	39.587	ng	98
17) 2-Methylphenol	7.151	107	14198	41.808	ng	94
18) Hexachloroethane	7.422	117	7630	39.066	ng	# 85
19) n-Nitroso-di-n-propyla...	7.322	70	11043	39.016	ng	96
20) 3+4-Methylphenols	7.304	107	18045	40.359	ng	88
22) Acetophenone	7.316	105	24104	40.634	ng	99
24) Nitrobenzene	7.487	77	16929	41.233	ng	98
25) Isophorone	7.728	82	31344	41.237	ng	95
26) 2-Nitrophenol	7.804	139	9734	43.951	ng	93
27) 2,4-Dimethylphenol	7.834	122	14855	40.478	ng	95
28) bis(2-Chloroethoxy)met...	7.934	93	18160	40.958	ng	96
29) 2,4-Dichlorophenol	8.039	162	15448	40.810	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	16933	40.422	ng	98
31) Naphthalene	8.216	128	53994	39.939	ng	98
32) Benzoic acid	7.951	122	11099	40.718	ng	90
33) 4-Chloroaniline	8.257	127	19930	39.012	ng	98
34) Hexachlorobutadiene	8.328	225	9696	41.007	ng	94
35) Caprolactam	8.634	113	3983	41.599	ng	# 89
36) 4-Chloro-3-methylphenol	8.734	107	15143	40.455	ng	99
37) 2-Methylnaphthalene	8.904	142	36953	40.507	ng	98
38) 1-Methylnaphthalene	9.004	142	33901	39.569	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	15565	40.417	ng	97
41) Hexachlorocyclopentadiene	9.057	237	9422	39.166	ng	98
43) 2,4,6-Trichlorophenol	9.175	196	11405	41.022	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	11804	41.166	ng		91
46) 1,1'-Biphenyl	9.369	154	42997	39.208	ng		98
47) 2-Chloronaphthalene	9.392	162	33768	39.274	ng		99
48) 2-Nitroaniline	9.486	65	9194	44.467	ng		94
49) Acenaphthylene	9.810	152	52461	39.099	ng		99
50) Dimethylphthalate	9.669	163	39025	38.847	ng		97
51) 2,6-Dinitrotoluene	9.728	165	8307	41.946	ng		92
52) Acenaphthene	9.981	154	33636	39.206	ng		97
53) 3-Nitroaniline	9.898	138	9352	42.318	ng		95
54) 2,4-Dinitrophenol	9.998	184	4679	45.279	ng		93
55) Dibenzofuran	10.151	168	48706	38.612	ng		99
56) 4-Nitrophenol	10.045	139	6885	37.433	ng		94
57) 2,4-Dinitrotoluene	10.128	165	11555	42.619	ng		93
58) Fluorene	10.498	166	37219	38.146	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	9228	41.670	ng	#	94
60) Diethylphthalate	10.369	149	40138	38.213	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	17599	39.738	ng		97
62) 4-Nitroaniline	10.510	138	8433	37.862	ng		92
63) Azobenzene	10.651	77	34654	37.744	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	6497	47.581	ng		81
66) n-Nitrosodiphenylamine	10.604	169	31262	40.166	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	9773	39.540	ng		92
68) Hexachlorobenzene	11.045	284	10312	40.721	ng	#	86
69) Atrazine	11.133	200	9479	39.766	ng		91
70) Pentachlorophenol	11.233	266	6905	43.108	ng		92
71) Phenanthrene	11.463	178	50172	38.473	ng		99
72) Anthracene	11.510	178	49558	37.881	ng		98
73) Carbazole	11.663	167	45468	37.612	ng		98
74) Di-n-butylphthalate	11.992	149	58552	35.956	ng		98
75) Fluoranthene	12.645	202	46091	35.031	ng		98
77) Benzidine	12.769	184	24213	53.093	ng		98
78) Pyrene	12.874	202	45959	45.346	ng		95
80) Butylbenzylphthalate	13.492	149	19043	38.859	ng		99
81) Benzo(a)anthracene	14.063	228	32382	40.025	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	8421	39.737	ng		100
83) Chrysene	14.098	228	30901	39.871	ng		96
84) Bis(2-ethylhexyl)phtha...	14.051	149	25030	38.043	ng	#	96
85) Di-n-octyl phthalate	14.663	149	38119	40.039	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	29021	47.172	ng		98
88) Benzo(b)fluoranthene	15.121	252	27194	35.715	ng		99
89) Benzo(k)fluoranthene	15.151	252	26581	38.048	ng	#	94
90) Benzo(a)pyrene	15.498	252	24570	39.092	ng		97
91) Dibenzo(a,h)anthracene	17.080	278	25372	48.451	ng		95
92) Benzo(g,h,i)perylene	17.515	276	23940	46.825	ng		95

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

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