Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
Data File : BF124135.D
Acq On : 4 Jun 2021 12:37
Operator : JU/CG
Sample : M2580-11MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
18-B4(2-4)MSD

Manual Integrations APPROVED
mohammad
6/7/2021 12:24:18 PM

Quant Time: Jun 04 13:18:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 04 09:56:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	41137	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	159109	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	83400	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	126685	20.00	ng		# 0.00
76) Chrysene-d12	14.039	240	94724	20.00	ng		0.00
86) Perylene-d12	15.521	264	82926	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	279237	102.18	ng		0.01
7) Phenol-d6	6.516	99	349049	95.03	ng		0.00
23) Nitrobenzene-d5	7.434	82	242510	60.45	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	98667	83.50	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	461224	69.59	ng		0.00
79) Terphenyl-d14	12.974	244	364255	52.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	41105	34.37	ng		95
3) Pyridine	3.451	79	104893	34.25	ng		86
4) n-Nitrosodimethylamine	3.410	42	75834	41.67	ng		90
6) Aniline	6.534	93	130041	31.00	ng	#	82
8) 2-Chlorophenol	6.657	128	139330	45.82	ng		96
9) Benzaldehyde	6.416	77	93898	57.51	ng		92
10) Phenol	6.528	94	181436	45.71	ng	#	74
11) bis(2-Chloroethyl)ether	6.604	93	134336	46.42	ng		92
12) 1,3-Dichlorobenzene	6.810	146	160011	45.01	ng		94
13) 1,4-Dichlorobenzene	6.887	146	158952	44.58	ng		93
14) 1,2-Dichlorobenzene	7.039	146	152699	44.77	ng		95
15) Benzyl Alcohol	7.016	79	140040	42.29	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.145	45	199107	44.10	ng		85
17) 2-Methylphenol	7.128	107	112244	45.41	ng	#	89
18) Hexachloroethane	7.381	117	62448	44.47	ng	#	86
19) n-Nitroso-di-n-propyla...	7.286	70	114657	44.22	ng	#	84
20) 3+4-Methylphenols	7.281	107	153930	47.00	ng	#	85
22) Acetophenone	7.275	105	209449	46.18	ng	#	98
24) Nitrobenzene	7.451	77	163752	40.69	ng		96
25) Isophorone	7.692	82	284465	39.35	ng		97
26) 2-Nitrophenol	7.769	139	75832	42.18	ng		89
27) 2,4-Dimethylphenol	7.810	122	130540	51.49	ng		93
28) bis(2-Chloroethoxy)met...	7.898	93	166320	46.41	ng		95
29) 2,4-Dichlorophenol	8.016	162	123110	41.97	ng		92
30) 1,2,4-Trichlorobenzene	8.092	180	139454	42.42	ng		92
31) Naphthalene	8.175	128	413917	43.51	ng		96
32) Benzoic acid	7.934	122	45794	29.44	ng		97
33) 4-Chloroaniline	8.222	127	38385	10.85	ng		96
34) Hexachlorobutadiene	8.286	225	95257	41.02	ng		97
35) Caprolactam	8.598	113	32587m	40.44	ng		
36) 4-Chloro-3-methylphenol	8.710	107	135903	42.35	ng		88
37) 2-Methylnaphthalene	8.863	142	285253	42.76	ng		100
38) 1-Methylnaphthalene	8.963	142	254933	40.89	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	140163	47.43	ng		97
41) Hexachlorocyclopentadiene	9.016	237	78351	51.88	ng		96
43) 2,4,6-Trichlorophenol	9.145	196	87765	45.54	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	89230	43.13	ng		94
46) 1,1'-Biphenyl	9.328	154	336700	47.83	ng		96
47) 2-Chloronaphthalene	9.357	162	253598	44.25	ng		95
48) 2-Nitroaniline	9.451	65	92313	44.64	ng		96
49) Acenaphthylene	9.769	152	380283	45.65	ng		97
50) Dimethylphthalate	9.633	163	353918	51.29	ng		99
51) 2,6-Dinitrotoluene	9.692	165	66561	42.07	ng		86
52) Acenaphthene	9.945	154	250024	45.96	ng		95
53) 3-Nitroaniline	9.863	138	46080	31.12	ng	#	89
54) 2,4-Dinitrophenol	9.963	184	15337	21.64	ng	#	87
55) Dibenzofuran	10.116	168	369555	43.40	ng		100
56) 4-Nitrophenol	10.033	139	80852	76.40	ng	#	87
57) 2,4-Dinitrotoluene	10.098	165	85417	40.94	ng	#	92
58) Fluorene	10.457	166	285626	43.70	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.233	232	67047	39.99	ng		92
60) Diethylphthalate	10.327	149	304097	43.67	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	136622	40.88	ng		95
62) 4-Nitroaniline	10.475	138	49767	33.43	ng	#	80
63) Azobenzene	10.604	77	277918	38.29	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	14377	14.12	ng	#	69
66) n-Nitrosodiphenylamine	10.569	169	232266	48.25	ng		95
67) 4-Bromophenyl-phenylether	10.933	248	78691	45.25	ng	#	83
68) Hexachlorobenzene	11.004	284	86187	43.76	ng		97
69) Atrazine	11.092	200	67628	49.63	ng		95
70) Pentachlorophenol	11.204	266	78379	75.78	ng		95
71) Phenanthrene	11.422	178	467577	59.08	ng		99
72) Anthracene	11.469	178	382861	48.04	ng		98
73) Carbazole	11.627	167	292468	42.11	ng		97
74) Di-n-butylphthalate	11.951	149	401149	44.94	ng		98
75) Fluoranthene	12.616	202	551039	66.33	ng		97
77) Benzidine	12.727	184	56666	27.56	ng	#	93
78) Pyrene	12.839	202	492382	54.13	ng		98
80) Butylbenzylphthalate	13.451	149	155755	42.21	ng		99
81) Benzo(a)anthracene	14.033	228	348300	50.47	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	72027	35.58	ng		97
83) Chrysene	14.068	228	357291	53.67	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	244734	55.76	ng		94
85) Di-n-octyl phthalate	14.627	149	369808	63.13	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.021	276	246343	36.80	ng		97
88) Benzo(b)fluoranthene	15.092	252	400925	62.24	ng	#	97
89) Benzo(k)fluoranthene	15.121	252	272484	44.68	ng		99
90) Benzo(a)pyrene	15.462	252	278970	49.86	ng		97
91) Dibenzo(a,h)anthracene	17.033	278	188759	33.44	ng		98
92) Benzo(g,h,i)perylene	17.474	276	195228	34.73	ng		98

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

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