Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124641.D
Acq On : 20 Jul 2021 22:39
Operator : JU/CG
Sample : M3061-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-2021-WS-000-08MSD

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:28 AM

Quant Time: Jul 21 03:13:41 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	6999	20.000	ng	-0.01
21) Naphthalene-d8	8.187	136	29538	20.000	ng	#-0.02
39) Acenaphthene-d10	9.951	164	16832	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	29583	20.000	ng	-0.01
76) Chrysene-d12	14.074	240	13653	20.000	ng	-0.01
86) Perylene-d12	15.557	264	11735	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	55267	136.811	ng	0.00
7) Phenol-d6	6.534	99	60666	123.449	ng	-0.01
23) Nitrobenzene-d5	7.475	82	43472	92.906	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	18658	142.445	ng	-0.01
45) 2-Fluorobiphenyl	9.269	172	99381	86.099	ng	-0.01
79) Terphenyl-d14	13.022	244	95782	117.804	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.922	88	6598	48.980	ng	# 100
3) Pyridine	3.616	79	6729	19.856	ng	# 87
4) n-Nitrosodimethylamine	3.563	42	14307	51.941	ng	# 95
6) Aniline	6.569	93	10974	21.194	ng	97
8) 2-Chlorophenol	6.693	128	24264	53.576	ng	96
9) Benzaldehyde	6.457	77	4342	15.061	ng	# 77
10) Phenol	6.545	94	22901	47.732	ng	99
11) bis(2-Chloroethyl)ether	6.645	93	21520	57.854	ng	98
12) 1,3-Dichlorobenzene	6.845	146	24182	48.785	ng	95
13) 1,4-Dichlorobenzene	6.922	146	24949	49.278	ng	98
14) 1,2-Dichlorobenzene	7.075	146	23913	49.700	ng	96
15) Benzyl Alcohol	7.045	79	18025	53.010	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.181	45	35535	55.426	ng	97
17) 2-Methylphenol	7.151	107	18145	54.737	ng	99
18) Hexachloroethane	7.416	117	9441	49.519	ng	92
19) n-Nitroso-di-n-propyla...	7.322	70	15249	55.192	ng	94
20) 3+4-Methylphenols	7.310	107	24486	56.103	ng	89
22) Acetophenone	7.316	105	33778	50.388	ng	# 95
24) Nitrobenzene	7.492	77	22510	48.516	ng	92
25) Isophorone	7.728	82	40819	47.521	ng	93
26) 2-Nitrophenol	7.804	139	13216	52.805	ng	94
27) 2,4-Dimethylphenol	7.840	122	22477	54.197	ng	96
28) bis(2-Chloroethoxy)met...	7.940	93	26330	52.549	ng	99
29) 2,4-Dichlorophenol	8.045	162	21153	49.449	ng	98
30) 1,2,4-Trichlorobenzene	8.128	180	22186	46.865	ng	95
31) Naphthalene	8.210	128	72070	47.174	ng	98
32) Benzoic acid	7.969	122	15623	49.420	ng	93
33) 4-Chloroaniline	8.269	127	2291	3.968	ng	# 65
34) Hexachlorobutadiene	8.328	225	12484	46.720	ng	98
35) Caprolactam	8.645	113	5961m	55.092	ng	
36) 4-Chloro-3-methylphenol	8.739	107	21152	50.003	ng	95
37) 2-Methylnaphthalene	8.904	142	49883	48.387	ng	99
38) 1-Methylnaphthalene	9.004	142	45960	47.470	ng	95
40) 1,2,4,5-Tetrachloroben...	9.069	216	22339	49.761	ng	95
41) Hexachlorocyclopentadiene	9.057	237	30860	110.044	ng	96
43) 2,4,6-Trichlorophenol	9.181	196	16100	49.676	ng	96

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44) 2,4,5-Trichlorophenol	9.222	196	16591	49.634	ng		96
46) 1,1'-Biphenyl	9.369	154	59308	46.393	ng		98
47) 2-Chloronaphthalene	9.392	162	47922	47.812	ng		98
48) 2-Nitroaniline	9.492	65	12957	53.758	ng		92
49) Acenaphthylene	9.810	152	75770	48.443	ng		99
50) Dimethylphthalate	9.675	163	58450	49.911	ng		99
51) 2,6-Dinitrotoluene	9.734	165	12432	53.850	ng		94
52) Acenaphthene	9.986	154	54264	54.258	ng		98
53) 3-Nitroaniline	9.898	138	4972	19.300	ng		99
54) 2,4-Dinitrophenol	10.010	184	15114	125.464	ng		88
55) Dibenzofuran	10.157	168	68500	46.583	ng		98
56) 4-Nitrophenol	10.063	139	18711	87.266	ng		98
57) 2,4-Dinitrotoluene	10.139	165	16895	53.456	ng	#	92
58) Fluorene	10.498	166	54147	47.605	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	13232	51.256	ng	#	94
60) Diethylphthalate	10.375	149	59517	48.607	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	25568	49.524	ng		90
62) 4-Nitroaniline	10.522	138	10622	40.910	ng		94
63) Azobenzene	10.651	77	49747	46.479	ng		97
65) 4,6-Dinitro-2-methylph...	10.545	198	8582	50.783	ng		82
66) n-Nitrosodiphenylamine	10.610	169	45050	46.768	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	15273	49.928	ng	#	89
68) Hexachlorobenzene	11.045	284	16166	51.581	ng		96
69) Atrazine	11.133	200	8772	29.734	ng		95
70) Pentachlorophenol	11.239	266	19766	99.706	ng		94
71) Phenanthrene	11.463	178	76833	47.606	ng		100
72) Anthracene	11.516	178	78543	48.509	ng		99
73) Carbazole	11.669	167	62740	41.935	ng		99
74) Di-n-butylphthalate	11.992	149	94445	46.861	ng		99
75) Fluoranthene	12.651	202	71981	44.204	ng		98
77) Benzidine	12.763	184	3438	6.736	ng		97
78) Pyrene	12.880	202	69872	61.598	ng		98
80) Butylbenzylphthalate	13.492	149	30416	55.457	ng		98
81) Benzo(a)anthracene	14.063	228	43842	48.419	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	4357	18.370	ng		96
83) Chrysene	14.104	228	42147	48.589	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	41060	55.761	ng		98
85) Di-n-octyl phthalate	14.663	149	50564	47.455	ng		100
87) Indeno(1,2,3-cd)pyrene	17.062	276	42247	62.075	ng		97
88) Benzo(b)fluoranthene	15.121	252	36643	43.503	ng		97
89) Benzo(k)fluoranthene	15.151	252	36207m	46.850	ng		
90) Benzo(a)pyrene	15.498	252	35857	51.572	ng		98
91) Dibenzo(a,h)anthracene	17.086	278	36328	62.710	ng		97
92) Benzo(g,h,i)perylene	17.521	276	35771	63.246	ng		94

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

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