Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
Data File : BF124672.D
Acq On : 21 Jul 2021 20:50
Operator : JU/CG
Sample : M3093-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210528-COM-1MSD

Manual Integrations APPROVED
mohammad
7/22/2021 1:29:08 PM

Quant Time: Jul 22 01:30:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 21 16:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	5858	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	23430	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	12979	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	22359	20.000	ng		0.00
76) Chrysene-d12	14.057	240	13407	20.000	ng		0.00
86) Perylene-d12	15.539	264	13959	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	39311	116.267	ng		0.00
7) Phenol-d6	6.516	99	45609	110.887	ng		0.00
23) Nitrobenzene-d5	7.457	82	28268	76.162	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	12290	121.682	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	63437	71.274	ng		0.00
79) Terphenyl-d14	13.004	244	57648	72.203	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	5683	50.424	ng	#	100
3) Pyridine	3.481	79	11714	41.298	ng		90
4) n-Nitrosodimethylamine	3.440	42	11886m	51.556	ng		
6) Aniline	6.551	93	22797	52.603	ng		99
8) 2-Chlorophenol	6.675	128	19165	50.560	ng		97
9) Benzaldehyde	6.440	77	11368	47.111	ng		92
10) Phenol	6.528	94	21081	52.496	ng		98
11) bis(2-Chloroethyl)ether	6.628	93	16775	53.882	ng		98
12) 1,3-Dichlorobenzene	6.834	146	21372	51.514	ng		94
13) 1,4-Dichlorobenzene	6.910	146	21208	50.048	ng		99
14) 1,2-Dichlorobenzene	7.063	146	20252	50.290	ng		99
15) Benzyl Alcohol	7.028	79	14286	50.197	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.163	45	29270	54.547	ng		98
17) 2-Methylphenol	7.139	107	14935	53.828	ng		97
18) Hexachloroethane	7.404	117	8258	51.750	ng		88
19) n-Nitroso-di-n-propyla...	7.304	70	12265	53.038	ng	#	94
20) 3+4-Methylphenols	7.292	107	18695	51.178	ng		92
22) Acetophenone	7.304	105	27094	50.954	ng		97
24) Nitrobenzene	7.475	77	18224	49.518	ng		97
25) Isophorone	7.716	82	32525	47.736	ng	#	93
26) 2-Nitrophenol	7.786	139	10455	52.663	ng		93
27) 2,4-Dimethylphenol	7.822	122	17650	53.653	ng		92
28) bis(2-Chloroethoxy)met...	7.922	93	21086	53.054	ng		98
29) 2,4-Dichlorophenol	8.028	162	16221	47.804	ng		96
30) 1,2,4-Trichlorobenzene	8.116	180	18634	49.624	ng		98
31) Naphthalene	8.198	128	57915	47.791	ng		97
32) Benzoic acid	7.945	122	12030	48.129	ng		95
33) 4-Chloroaniline	8.245	127	17044	37.219	ng		96
34) Hexachlorobutadiene	8.310	225	10540	49.728	ng		98
35) Caprolactam	8.616	113	4197m	48.901	ng		
36) 4-Chloro-3-methylphenol	8.722	107	16376	48.805	ng		98
37) 2-Methylnaphthalene	8.886	142	40193	49.151	ng		96
38) 1-Methylnaphthalene	8.986	142	36665	47.742	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	17792	51.397	ng		94
41) Hexachlorocyclopentadiene	9.039	237	25624	118.498	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	12474	49.914	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	12473	48.392	ng		97
46) 1,1'-Biphenyl	9.351	154	47093	47.774	ng		98
47) 2-Chloronaphthalene	9.380	162	36977	47.844	ng		98
48) 2-Nitroaniline	9.475	65	9692	52.149	ng		88
49) Acenaphthylene	9.798	152	57661	47.809	ng		99
50) Dimethylphthalate	9.657	163	45122	49.969	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	9023	50.687	ng		100
52) Acenaphthene	9.969	154	40361	52.337	ng		98
53) 3-Nitroaniline	9.880	138	6910	34.785	ng		91
54) 2,4-Dinitrophenol	9.986	184	10069	108.398	ng		92
55) Dibenzofuran	10.139	168	53200	46.919	ng		97
56) 4-Nitrophenol	10.039	139	14540	87.944	ng		88
57) 2,4-Dinitrotoluene	10.122	165	11754	48.230	ng	#	84
58) Fluorene	10.480	166	40712	46.419	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	9833	49.397	ng	#	94
60) Diethylphthalate	10.357	149	46497	49.247	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	20489	51.468	ng		91
62) 4-Nitroaniline	10.498	138	9637	48.135	ng		85
63) Azobenzene	10.633	77	38695	46.886	ng		98
65) 4,6-Dinitro-2-methylph...	10.527	198	6153	48.174	ng		78
66) n-Nitrosodiphenylamine	10.592	169	35174	48.313	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	11659	50.428	ng	#	89
68) Hexachlorobenzene	11.027	284	12972	54.762	ng	#	91
69) Atrazine	11.122	200	10822	48.535	ng		93
70) Pentachlorophenol	11.222	266	14090	94.038	ng		93
71) Phenanthrene	11.445	178	55351	45.376	ng		96
72) Anthracene	11.498	178	58216	47.571	ng		100
73) Carbazole	11.651	167	47551	42.052	ng		96
74) Di-n-butylphthalate	11.980	149	75728	49.715	ng		99
75) Fluoranthene	12.633	202	52637	42.769	ng		97
77) Benzidine	12.751	184	29853	59.562	ng		98
78) Pyrene	12.863	202	52950	47.536	ng		98
80) Butylbenzylphthalate	13.474	149	27055	50.234	ng		94
81) Benzo(a)anthracene	14.051	228	41967	47.199	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	12420	53.326	ng		99
83) Chrysene	14.086	228	40786	47.883	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	42034	58.131	ng		96
85) Di-n-octyl phthalate	14.651	149	72401	69.196	ng		100
87) Indeno(1,2,3-cd)pyrene	17.033	276	48530	59.946	ng		98
88) Benzo(b)fluoranthene	15.104	252	42342	42.260	ng		97
89) Benzo(k)fluoranthene	15.139	252	41965	45.649	ng		97
90) Benzo(a)pyrene	15.480	252	42529	51.422	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	41942	60.866	ng		96
92) Benzo(g,h,i)perylene	17.492	276	40803	60.649	ng		93

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

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