Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124640.D
Acq On : 20 Jul 2021 22:06
Operator : JU/CG
Sample : M3061-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:25 AM

Quant Time: Jul 21 03:13:24 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	7251	20.000	ng		-0.01
21) Naphthalene-d8	8.186	136	28889	20.000	ng		#-0.02
39) Acenaphthene-d10	9.951	164	16325	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	29765	20.000	ng		-0.01
76) Chrysene-d12	14.074	240	14704	20.000	ng		-0.01
86) Perylene-d12	15.557	264	11551	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	55259	132.037	ng		0.00
7) Phenol-d6	6.534	99	60302	118.444	ng		-0.01
23) Nitrobenzene-d5	7.475	82	43762	95.627	ng		-0.01
42) 2,4,6-Tribromophenol	10.745	330	19361	152.402	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	98326	87.830	ng		-0.01
79) Terphenyl-d14	13.021	244	96892	110.651	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	6770	48.504	ng	#	100
3) Pyridine	3.610	79	7059	20.106	ng		95
4) n-Nitrosodimethylamine	3.557	42	14215	49.813	ng	#	93
6) Aniline	6.569	93	10422	19.428	ng		98
8) 2-Chlorophenol	6.692	128	23874	50.883	ng		97
9) Benzaldehyde	6.457	77	4947	16.563	ng		88
10) Phenol	6.545	94	22954	46.179	ng		98
11) bis(2-Chloroethyl)ether	6.645	93	21478	55.735	ng		98
12) 1,3-Dichlorobenzene	6.845	146	23675	46.102	ng		94
13) 1,4-Dichlorobenzene	6.922	146	24877	47.428	ng		99
14) 1,2-Dichlorobenzene	7.075	146	24233	48.615	ng		99
15) Benzyl Alcohol	7.045	79	17948	50.949	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.181	45	35945	54.117	ng		98
17) 2-Methylphenol	7.151	107	17901	52.124	ng		99
18) Hexachloroethane	7.416	117	9372	47.449	ng		95
19) n-Nitroso-di-n-propyla...	7.322	70	14996	52.390	ng	#	90
20) 3+4-Methylphenols	7.310	107	23720	52.459	ng		87
22) Acetophenone	7.316	105	33854	51.636	ng	#	97
24) Nitrobenzene	7.492	77	22793	50.230	ng		97
25) Isophorone	7.728	82	39911	47.507	ng		97
26) 2-Nitrophenol	7.804	139	13025	53.211	ng		94
27) 2,4-Dimethylphenol	7.834	122	22925	56.519	ng		94
28) bis(2-Chloroethoxy)met...	7.934	93	26554	54.187	ng		99
29) 2,4-Dichlorophenol	8.045	162	21183	50.631	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	22081	47.691	ng		98
31) Naphthalene	8.210	128	72352	48.422	ng		98
32) Benzoic acid	7.963	122	15957	51.377	ng		95
33) 4-Chloroaniline	8.257	127	2775	4.915	ng	#	81
34) Hexachlorobutadiene	8.328	225	12426	47.548	ng		98
35) Caprolactam	8.645	113	6016m	56.849	ng		
36) 4-Chloro-3-methylphenol	8.739	107	21444	51.832	ng		95
37) 2-Methylnaphthalene	8.904	142	50129	49.718	ng		99
38) 1-Methylnaphthalene	9.004	142	46757	49.378	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	21764	49.985	ng		98
41) Hexachlorocyclopentadiene	9.057	237	31099	114.340	ng		95
43) 2,4,6-Trichlorophenol	9.181	196	15694	49.927	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	16109	49.689	ng		92
46) 1,1'-Biphenyl	9.369	154	58113	46.870	ng		98
47) 2-Chloronaphthalene	9.392	162	47433	48.794	ng		97
48) 2-Nitroaniline	9.492	65	12608	53.934	ng		88
49) Acenaphthylene	9.816	152	76036	50.123	ng		99
50) Dimethylphthalate	9.675	163	57222	50.380	ng		99
51) 2,6-Dinitrotoluene	9.733	165	12210	54.531	ng		91
52) Acenaphthene	9.986	154	54537	56.224	ng		96
53) 3-Nitroaniline	9.898	138	4943	19.783	ng		89
54) 2,4-Dinitrophenol	10.010	184	15303	130.978	ng		87
55) Dibenzofuran	10.157	168	69186	48.511	ng		97
56) 4-Nitrophenol	10.063	139	18417	88.562	ng		87
57) 2,4-Dinitrotoluene	10.139	165	17245	56.257	ng	#	86
58) Fluorene	10.498	166	54405	49.318	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.269	232	13151	52.525	ng	#	96
60) Diethylphthalate	10.375	149	60647	51.068	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	25577	51.080	ng		92
62) 4-Nitroaniline	10.522	138	11041	43.845	ng		84
63) Azobenzene	10.651	77	49472	47.658	ng		99
65) 4,6-Dinitro-2-methylph...	10.545	198	8669	50.984	ng		88
66) n-Nitrosodiphenylamine	10.610	169	44592	46.009	ng		97
67) 4-Bromophenyl-phenylether	10.980	248	15364	49.919	ng		95
68) Hexachlorobenzene	11.045	284	16248	51.525	ng		95
69) Atrazine	11.133	200	9105	30.674	ng		93
70) Pentachlorophenol	11.239	266	20439	102.471	ng		92
71) Phenanthrene	11.463	178	76205	46.928	ng		98
72) Anthracene	11.516	178	78718	48.320	ng		99
73) Carbazole	11.669	167	64748	43.013	ng		99
74) Di-n-butylphthalate	11.992	149	94696	46.699	ng		99
75) Fluoranthene	12.651	202	72970	44.538	ng		97
77) Benzidine	12.763	184	2226	4.050	ng	#	85
78) Pyrene	12.880	202	71526	58.549	ng		98
80) Butylbenzylphthalate	13.492	149	31371	53.110	ng		95
81) Benzo(a)anthracene	14.063	228	45167	46.317	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	4460	17.460	ng	#	96
83) Chrysene	14.104	228	43879	46.970	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	43051	54.286	ng		99
85) Di-n-octyl phthalate	14.663	149	53979	47.039	ng		100
87) Indeno(1,2,3-cd)pyrene	17.056	276	41715	62.269	ng		96
88) Benzo(b)fluoranthene	15.121	252	36022	43.447	ng		97
89) Benzo(k)fluoranthene	15.151	252	35558	46.743	ng	#	97
90) Benzo(a)pyrene	15.498	252	36289	53.024	ng		96
91) Dibenzo(a,h)anthracene	17.086	278	35968	63.078	ng		98
92) Benzo(g,h,i)perylene	17.521	276	34999	62.867	ng		94

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

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