Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125740.D
Acq On : 30 Sep 2021 18:42
Operator : JU/CG
Sample : M3988-01MS 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-092921MS

Manual Integrations APPROVED
mohammad
10/1/2021 11:28:57 AM

Quant Time: Oct 01 04:54:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	217999	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	859833	20.000	ng		# 0.00
39) Acenaphthene-d10	9.922	164	397297	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	615304	20.000	ng		# 0.00
76) Chrysene-d12	14.045	240	483287	20.000	ng		0.00
86) Perylene-d12	15.521	264	389842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	353938	26.749	ng		-0.01
7) Phenol-d6	6.498	99	427091	24.009	ng		-0.01
23) Nitrobenzene-d5	7.439	82	233260	18.922	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	89531	24.170	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	485820	10.199	ng		-0.01
79) Terphenyl-d14	12.986	244	435785	15.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	45166	8.021	ng	#	100
3) Pyridine	3.422	79	95735	6.428	ng	#	72
4) n-Nitrosodimethylamine	3.345	42	45969	8.318	ng	#	1
6) Aniline	6.539	93	84827	4.130	ng		96
8) 2-Chlorophenol	6.669	128	140017	9.329	ng		95
10) Phenol	6.510	94	168451	9.368	ng		91
11) bis(2-Chloroethyl)ether	6.616	93	127080	9.094	ng		93
12) 1,3-Dichlorobenzene	6.828	146	150527m	9.083	ng		
13) 1,4-Dichlorobenzene	6.904	146	155021	9.194	ng		96
14) 1,2-Dichlorobenzene	7.057	146	145180	9.126	ng		99
15) Benzyl Alcohol	7.016	79	102242	8.286	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.157	45	158296	8.899	ng		88
17) 2-Methylphenol	7.128	107	109256	8.877	ng		97
18) Hexachloroethane	7.404	117	48889	8.933	ng	#	85
19) n-Nitroso-di-n-propyla...	7.286	70	87568	8.646	ng	#	69
20) 3+4-Methylphenols	7.281	107	139549	9.019	ng		92
22) Acetophenone	7.286	105	191342	9.807	ng	#	90
24) Nitrobenzene	7.457	77	129655	10.340	ng	#	94
25) Isophorone	7.698	82	225516	8.169	ng	#	93
26) 2-Nitrophenol	7.780	139	62207	14.060	ng	#	94
27) 2,4-Dimethylphenol	7.810	122	116656	9.501	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	153780	9.876	ng		97
29) 2,4-Dichlorophenol	8.016	162	104145	8.539	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	120631	9.086	ng		96
31) Naphthalene	8.186	128	410020	9.287	ng		99
32) Benzoic acid	7.869	122	56726	13.799	ng		95
33) 4-Chloroaniline	8.233	127	72423	3.911	ng		98
34) Hexachlorobutadiene	8.310	225	65764	8.983	ng		98
35) Caprolactam	8.569	113	31221	7.844	ng	#	77
36) 4-Chloro-3-methylphenol	8.704	107	103143	8.071	ng		98
37) 2-Methylnaphthalene	8.880	142	262352	8.762	ng		98
38) 1-Methylnaphthalene	8.980	142	240826	8.510	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	105044	10.166	ng		98
41) Hexachlorocyclopentadiene	9.033	237	26914	6.156	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	67752	9.350	ng		96
44) 2,4,5-Trichlorophenol	9.192	196	68693	8.781	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	290933	9.931	ng		97
47) 2-Chloronaphthalene	9.369	162	229514	9.463	ng		96
48) 2-Nitroaniline	9.457	65	54449	12.850	ng		89
49) Acenaphthylene	9.780	152	348785	9.552	ng		99
50) Dimethylphthalate	9.633	163	256669	9.590	ng		98
51) 2,6-Dinitrotoluene	9.692	165	51050	12.676	ng		97
52) Acenaphthene	9.951	154	211940	9.258	ng		96
53) 3-Nitroaniline	9.863	138	44223	9.784	ng		95
54) 2,4-Dinitrophenol	9.969	184	11227	10.895	ng	#	83
55) Dibenzofuran	10.127	168	313114	9.116	ng		90
56) 4-Nitrophenol	10.016	139	77222	15.663	ng	#	87
57) 2,4-Dinitrotoluene	10.098	165	60231	12.773	ng	#	76
58) Fluorene	10.469	166	247505	9.258	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	52474	8.715	ng	#	88
60) Diethylphthalate	10.333	149	235231	9.116	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	107823	9.074	ng	#	82
62) 4-Nitroaniline	10.469	138	47862	9.434	ng	#	71
63) Azobenzene	10.616	77	202690	8.135	ng		84
65) 4,6-Dinitro-2-methylph...	10.504	198	9866	11.689	ng	#	72
66) n-Nitrosodiphenylamine	10.574	169	201195	9.525	ng		98
67) 4-Bromophenyl-phenylether	10.951	248	59974	9.288	ng		94
68) Hexachlorobenzene	11.016	284	67501	8.907	ng	#	86
69) Atrazine	11.098	200	61067	10.903	ng		93
70) Pentachlorophenol	11.210	266	70554	17.614	ng		94
71) Phenanthrene	11.427	178	511014	14.810	ng		97
72) Anthracene	11.480	178	391200	11.474	ng		99
73) Carbazole	11.633	167	300934	8.968	ng		98
74) Di-n-butylphthalate	11.963	149	347487	10.272	ng		99
75) Fluoranthene	12.615	202	836273	22.678	ng		96
77) Benzidine	12.733	184	127110	10.012	ng		96
78) Pyrene	12.845	202	793260	18.162	ng		98
80) Butylbenzylphthalate	13.462	149	142357	9.843	ng		98
81) Benzo(a)anthracene	14.033	228	516206	15.724	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	71458	7.544	ng		97
83) Chrysene	14.068	228	472971	14.356	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	195907	11.832	ng		100
85) Di-n-octyl phthalate	14.633	149	314782	12.962	ng	#	94
87) Indeno(1,2,3-cd)pyrene	16.998	276	283541	10.715	ng		97
88) Benzo(b)fluoranthene	15.086	252	435411	15.941	ng		98
89) Benzo(k)fluoranthene	15.115	252	336222	12.848	ng	#	96
90) Benzo(a)pyrene	15.456	252	368965	15.176	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	183904	8.315	ng		98
92) Benzo(g,h,i)perylene	17.450	276	246839	10.927	ng		94

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

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