Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
Data File : BF125741.D
Acq On : 30 Sep 2021 19:13
Operator : JU/CG
Sample : M3988-01MSD 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-03-092921MSD

Quant Time: Oct 01 04:54:39 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	6.887	152	218128	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	826446	20.000	ng		# 0.00
39) Acenaphthene-d10	9.922	164	370685	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	607241	20.000	ng		# 0.00
76) Chrysene-d12	14.045	240	447979	20.000	ng		0.00
86) Perylene-d12	15.521	264	352256	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	356248	26.908	ng		0.00
7) Phenol-d6	6.504	99	425913	23.929	ng		0.00
23) Nitrobenzene-d5	7.440	82	226493	19.116	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	86491	25.025	ng		-0.01
45) 2-Fluorobiphenyl	9.239	172	451993	10.125	ng		-0.01
79) Terphenyl-d14	12.986	244	442383	17.101	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	47714	8.468	ng	#	100
3) Pyridine	3.434	79	101724	6.826	ng	#	68
4) n-Nitrosodimethylamine	3.357	42	47305	8.555	ng	#	1
6) Aniline	6.545	93	93710	4.560	ng		92
8) 2-Chlorophenol	6.669	128	139698	9.302	ng		97
10) Phenol	6.516	94	166925	9.278	ng		87
11) bis(2-Chloroethyl)ether	6.616	93	128345	9.179	ng		94
12) 1,3-Dichlorobenzene	6.828	146	150769	9.092	ng		95
13) 1,4-Dichlorobenzene	6.904	146	155742	9.231	ng		99
14) 1,2-Dichlorobenzene	7.057	146	146309	9.191	ng		99
15) Benzyl Alcohol	7.016	79	100830	8.167	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.157	45	156960	8.819	ng		88
17) 2-Methylphenol	7.128	107	106692	8.664	ng		96
18) Hexachloroethane	7.404	117	46152	8.428	ng	#	85
19) n-Nitroso-di-n-propyla...	7.287	70	84860	8.374	ng	#	69
20) 3+4-Methylphenols	7.281	107	133798	8.642	ng		95
22) Acetophenone	7.287	105	187556	10.001	ng	#	91
24) Nitrobenzene	7.457	77	125171	10.385	ng		96
25) Isophorone	7.698	82	217355	8.191	ng		94
26) 2-Nitrophenol	7.781	139	60866	14.210	ng		94
27) 2,4-Dimethylphenol	7.810	122	113889	9.651	ng		95
28) bis(2-Chloroethoxy)met...	7.910	93	147525	9.857	ng	#	97
29) 2,4-Dichlorophenol	8.016	162	101884	8.691	ng		95
30) 1,2,4-Trichlorobenzene	8.110	180	114506	8.973	ng		97
31) Naphthalene	8.187	128	395413	9.318	ng		98
32) Benzoic acid	7.863	122	52902	13.645	ng		92
33) 4-Chloroaniline	8.234	127	73562	4.133	ng		99
34) Hexachlorobutadiene	8.310	225	63550	9.032	ng		98
35) Caprolactam	8.569	113	30392	7.945	ng	#	73
36) 4-Chloro-3-methylphenol	8.704	107	96825	7.882	ng		96
37) 2-Methylnaphthalene	8.881	142	248413	8.631	ng		99
38) 1-Methylnaphthalene	8.981	142	226360	8.322	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	99559	10.327	ng		98
41) Hexachlorocyclopentadiene	9.034	237	14315	3.509	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	64486	9.539	ng		97
44) 2,4,5-Trichlorophenol	9.192	196	66683	9.136	ng	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	270502	9.896	ng		98
47) 2-Chloronaphthalene	9.369	162	214466	9.477	ng		96
48) 2-Nitroaniline	9.457	65	52405	13.125	ng		89
49) Acenaphthylene	9.781	152	325178	9.545	ng		99
50) Dimethylphthalate	9.634	163	239110	9.575	ng		98
51) 2,6-Dinitrotoluene	9.698	165	47023	12.567	ng	#	85
52) Acenaphthene	9.957	154	198006	9.270	ng		98
53) 3-Nitroaniline	9.863	138	44283	10.271	ng		92
54) 2,4-Dinitrophenol	9.969	184	5800	8.084	ng	#	60
55) Dibenzofuran	10.128	168	292096	9.115	ng		92
56) 4-Nitrophenol	10.016	139	76330	16.593	ng	#	87
57) 2,4-Dinitrotoluene	10.098	165	54892	12.588	ng	#	81
58) Fluorene	10.469	166	235310	9.434	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	50834	9.049	ng	#	89
60) Diethylphthalate	10.333	149	219117	9.101	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	100235	9.041	ng	#	84
62) 4-Nitroaniline	10.469	138	48318	10.053	ng	#	71
63) Azobenzene	10.616	77	191717	8.247	ng		84
65) 4,6-Dinitro-2-methylph...	10.504	198	5414	10.501	ng	#	82
66) n-Nitrosodiphenylamine	10.575	169	190004	9.115	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	55713	8.742	ng		95
68) Hexachlorobenzene	11.016	284	66448	8.884	ng		90
69) Atrazine	11.098	200	57006	10.314	ng		91
70) Pentachlorophenol	11.210	266	70684	17.881	ng		92
71) Phenanthrene	11.428	178	504736	14.822	ng		99
72) Anthracene	11.480	178	383796	11.406	ng		99
73) Carbazole	11.633	167	303131	9.154	ng		99
74) Di-n-butylphthalate	11.969	149	340339	10.194	ng	#	98
75) Fluoranthene	12.622	202	829204	22.785	ng		99
77) Benzidine	12.739	184	152972	12.998	ng		96
78) Pyrene	12.845	202	780900	19.289	ng		97
80) Butylbenzylphthalate	13.463	149	142965	10.664	ng		95
81) Benzo(a)anthracene	14.033	228	472788	15.537	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	74390	8.472	ng		96
83) Chrysene	14.069	228	443507	14.523	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	192703	12.556	ng	#	98
85) Di-n-octyl phthalate	14.639	149	293399	13.034	ng	#	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	268254	11.219	ng		97
88) Benzo(b)fluoranthene	15.086	252	421598	17.083	ng		97
89) Benzo(k)fluoranthene	15.116	252	271046	11.463	ng	#	95
90) Benzo(a)pyrene	15.457	252	335266	15.261	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	172655	8.639	ng		98
92) Benzo(g,h,i)perylene	17.451	276	232040	11.368	ng		95

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

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