Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
Data File : BF125037.D
Acq On : 10 Aug 2021 18:52
Operator : JU/CG
Sample : M3308-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930MS

Manual Integrations APPROVED
mohammad
8/11/2021 9:30:47 PM

Quant Time: Aug 11 04:14:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 10 11:32:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	4398	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	17853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	10336	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	19443	20.000	ng	0.00
76) Chrysene-d12	13.974	240	11863	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	34894	129.969	ng	0.02
7) Phenol-d6	6.457	99	41724	123.249	ng	0.00
23) Nitrobenzene-d5	7.380	82	34938	102.375	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	14506	157.091	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	61726	87.384	ng	0.00
79) Terphenyl-d14	12.921	244	69201	98.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	4353	43.338	ng	# 100
3) Pyridine	3.434	79	7169	30.716	ng	# 81
4) n-Nitrosodimethylamine	3.363	42	8227	49.638	ng	# 65
6) Aniline	6.481	93	7887	22.055	ng	# 68
8) 2-Chlorophenol	6.604	128	13204	44.835	ng	80
9) Benzaldehyde	6.369	77	6860	37.246	ng	88
10) Phenol	6.475	94	14792	42.347	ng	80
11) bis(2-Chloroethyl)ether	6.557	93	15372	58.662	ng	99
12) 1,3-Dichlorobenzene	6.757	146	14064m	43.876	ng	
13) 1,4-Dichlorobenzene	6.833	146	14426m	45.020	ng	
14) 1,2-Dichlorobenzene	6.986	146	13941	46.424	ng	97
15) Benzyl Alcohol	6.963	79	14160	57.987	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.092	45	21298	50.731	ng	87
17) 2-Methylphenol	7.075	107	11258	51.069	ng	# 90
18) Hexachloroethane	7.322	117	6859	54.673	ng	97
19) n-Nitroso-di-n-propyla...	7.233	70	12235	60.910	ng	# 76
20) 3+4-Methylphenols	7.228	107	15032	51.367	ng	# 58
22) Acetophenone	7.228	105	21901	50.090	ng	# 88
24) Nitrobenzene	7.404	77	17268	52.291	ng	92
25) Isophorone	7.639	82	30365	52.131	ng	# 88
26) 2-Nitrophenol	7.716	139	7250	43.234	ng	# 62
27) 2,4-Dimethylphenol	7.757	122	12593	52.975	ng	87
28) bis(2-Chloroethoxy)met...	7.845	93	18519	55.863	ng	# 96
29) 2,4-Dichlorophenol	7.957	162	12194	46.042	ng	88
30) 1,2,4-Trichlorobenzene	8.039	180	12397	41.769	ng	92
31) Naphthalene	8.122	128	40774	44.452	ng	98
32) Benzoic acid	7.898	122	7936	55.037	ng	# 64
33) 4-Chloroaniline	8.169	127	2701	7.902	ng	# 87
34) Hexachlorobutadiene	8.233	225	8552	48.250	ng	95
35) Caprolactam	8.557	113	2853m	40.566	ng	
36) 4-Chloro-3-methylphenol	8.657	107	14760	53.278	ng	# 84
37) 2-Methylnaphthalene	8.810	142	28163	45.666	ng	97
38) 1-Methylnaphthalene	8.910	142	25973	45.009	ng	94
40) 1,2,4,5-Tetrachloroben...	8.975	216	13440	45.302	ng	96
41) Hexachlorocyclopentadiene	8.963	237	12922	112.138	ng	94
43) 2,4,6-Trichlorophenol	9.092	196	9379	47.489	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	9686	48.449	ng		91
46) 1,1'-Biphenyl	9.274	154	33064	42.927	ng		98
47) 2-Chloronaphthalene	9.298	162	27011	44.079	ng		92
48) 2-Nitroaniline	9.398	65	9965	55.359	ng	#	78
49) Acenaphthylene	9.716	152	41800	44.907	ng		98
50) Dimethylphthalate	9.580	163	34546	49.321	ng	#	97
51) 2,6-Dinitrotoluene	9.639	165	7306	46.843	ng	#	63
52) Acenaphthene	9.886	154	24174	42.839	ng		94
53) 3-Nitroaniline	9.810	138	3321	20.216	ng	#	64
54) 2,4-Dinitrophenol	9.922	184	7400	92.647	ng	#	88
55) Dibenzofuran	10.057	168	39174	44.420	ng		96
56) 4-Nitrophenol	9.986	139	9211	85.061	ng	#	63
57) 2,4-Dinitrotoluene	10.051	165	10133	47.853	ng	#	86
58) Fluorene	10.404	166	31529	46.626	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.180	232	7884	52.560	ng	#	90
60) Diethylphthalate	10.274	149	36244	50.423	ng		98
61) 4-Chlorophenyl-phenyle...	10.392	204	15043	47.108	ng		99
62) 4-Nitroaniline	10.427	138	5694	35.701	ng	#	76
63) Azobenzene	10.551	77	38027	54.099	ng		87
65) 4,6-Dinitro-2-methylph...	10.457	198	4826	39.621	ng		99
66) n-Nitrosodiphenylamine	10.516	169	27245	43.234	ng		96
67) 4-Bromophenyl-phenylether	10.880	248	10265	48.202	ng	#	91
68) Hexachlorobenzene	10.945	284	11185	48.277	ng		95
69) Atrazine	11.045	200	9454	49.926	ng		91
70) Pentachlorophenol	11.145	266	10989	99.432	ng		94
71) Phenanthrene	11.363	178	45503	43.143	ng		97
72) Anthracene	11.416	178	48189	45.544	ng		100
73) Carbazole	11.574	167	38383	39.558	ng		99
74) Di-n-butylphthalate	11.898	149	60248	48.857	ng		99
75) Fluoranthene	12.551	202	44839	41.095	ng		97
78) Pyrene	12.780	202	44889	48.040	ng		97
80) Butylbenzylphthalate	13.392	149	21388	51.434	ng		89
81) Benzo(a)anthracene	13.962	228	33332	43.116	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	3297	16.177	ng		96
83) Chrysene	14.004	228	31722	42.447	ng		96
84) Bis(2-ethylhexyl)phtha...	13.945	149	30115	52.206	ng		98
85) Di-n-octyl phthalate	14.557	149	44402	48.790	ng		100
87) Indeno(1,2,3-cd)pyrene	16.874	276	33305	53.704	ng	#	91
88) Benzo(b)fluoranthene	15.004	252	30653	41.920	ng		96
89) Benzo(k)fluoranthene	15.033	252	27101m	40.742	ng		
90) Benzo(a)pyrene	15.368	252	28206	45.298	ng	#	96
91) Dibenzo(a,h)anthracene	16.886	278	29397	53.913	ng	#	91
92) Benzo(g,h,i)perylene	17.321	276	28805	55.072	ng	#	82

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

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