Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
Data File : BF125038.D
Acq On : 10 Aug 2021 19:25
Operator : JU/CG
Sample : M3308-05MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11930MSD

Manual Integrations APPROVED
mohammad
8/11/2021 9:30:53 PM

Quant Time: Aug 11 04:14:59 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	4469	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	17988	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	10344	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	18601	20.000	ng	0.00
76) Chrysene-d12	13.974	240	10532	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	10409	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	35235	129.154	ng	0.02
7) Phenol-d6	6.457	99	39506	114.843	ng	0.00
23) Nitrobenzene-d5	7.381	82	34618	100.676	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	14144	153.052	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	59567	84.262	ng	0.00
79) Terphenyl-d14	12.921	244	65378	104.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	4473	43.825	ng	# 100
3) Pyridine	3.440	79	7324	30.882	ng	95
4) n-Nitrosodimethylamine	3.369	42	8241	48.932	ng	# 82
6) Aniline	6.481	93	7914	21.779	ng	# 73
8) 2-Chlorophenol	6.604	128	13161	43.979	ng	81
9) Benzaldehyde	6.369	77	6836	36.526	ng	89
10) Phenol	6.475	94	15703	44.241	ng	85
11) bis(2-Chloroethyl)ether	6.551	93	14735	55.338	ng	94
12) 1,3-Dichlorobenzene	6.757	146	13352m	40.993	ng	
13) 1,4-Dichlorobenzene	6.833	146	14574	44.759	ng	97
14) 1,2-Dichlorobenzene	6.981	146	14235m	46.650	ng	
15) Benzyl Alcohol	6.963	79	13560	54.647	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.086	45	20901	48.994	ng	77
17) 2-Methylphenol	7.075	107	11142	49.740	ng	# 89
18) Hexachloroethane	7.322	117	6287	49.317	ng	94
19) n-Nitroso-di-n-propyla...	7.233	70	11830	57.958	ng	# 75
20) 3+4-Methylphenols	7.228	107	14096	47.403	ng	# 60
22) Acetophenone	7.228	105	22033	50.014	ng	# 90
24) Nitrobenzene	7.404	77	16955	50.958	ng	91
25) Isophorone	7.639	82	29482	50.235	ng	# 89
26) 2-Nitrophenol	7.716	139	7451	44.099	ng	# 67
27) 2,4-Dimethylphenol	7.757	122	12260	51.188	ng	87
28) bis(2-Chloroethoxy)met...	7.845	93	18827	56.366	ng	# 94
29) 2,4-Dichlorophenol	7.957	162	11513	43.145	ng	92
30) 1,2,4-Trichlorobenzene	8.039	180	13137	43.930	ng	97
31) Naphthalene	8.122	128	40583	43.912	ng	98
32) Benzoic acid	7.898	122	8128	55.823	ng	82
33) 4-Chloroaniline	8.169	127	2976	8.641	ng	# 82
34) Hexachlorobutadiene	8.233	225	8678	48.593	ng	97
35) Caprolactam	8.557	113	3054m	43.098	ng	
36) 4-Chloro-3-methylphenol	8.657	107	14666	52.541	ng	# 79
37) 2-Methylnaphthalene	8.810	142	27069	43.563	ng	98
38) 1-Methylnaphthalene	8.910	142	25662	44.136	ng	96
40) 1,2,4,5-Tetrachloroben...	8.975	216	13711	46.180	ng	95
41) Hexachlorocyclopentadiene	8.963	237	13006	112.749	ng	91
43) 2,4,6-Trichlorophenol	9.092	196	8854	44.796	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	9431	47.137	ng		94
46) 1,1'-Biphenyl	9.275	154	32629	42.330	ng		96
47) 2-Chloronaphthalene	9.298	162	26566	43.319	ng		94
48) 2-Nitroaniline	9.398	65	10352	57.464	ng	#	75
49) Acenaphthylene	9.716	152	40578	43.560	ng		98
50) Dimethylphthalate	9.580	163	33984	48.481	ng		98
51) 2,6-Dinitrotoluene	9.645	165	7230	46.320	ng		92
52) Acenaphthene	9.886	154	24475	43.339	ng		96
53) 3-Nitroaniline	9.810	138	3408	20.730	ng	#	57
54) 2,4-Dinitrophenol	9.922	184	7662	95.665	ng		91
55) Dibenzofuran	10.057	168	38616	43.754	ng		98
56) 4-Nitrophenol	9.986	139	8846	81.627	ng	#	62
57) 2,4-Dinitrotoluene	10.051	165	10299	48.599	ng	#	91
58) Fluorene	10.404	166	29872	44.141	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.180	232	7305	48.662	ng	#	97
60) Diethylphthalate	10.274	149	36508	50.751	ng		96
61) 4-Chlorophenyl-phenyle...	10.392	204	15349	48.029	ng		94
62) 4-Nitroaniline	10.427	138	5385	33.737	ng		84
63) Azobenzene	10.551	77	37581	53.424	ng		87
65) 4,6-Dinitro-2-methylph...	10.457	198	4662	40.007	ng		96
66) n-Nitrosodiphenylamine	10.516	169	26320	43.657	ng		98
67) 4-Bromophenyl-phenylether	10.880	248	9822	48.209	ng		95
68) Hexachlorobenzene	10.945	284	10532	47.516	ng		92
69) Atrazine	11.045	200	8902	49.139	ng		90
70) Pentachlorophenol	11.145	266	10651	100.689	ng		94
71) Phenanthrene	11.363	178	44578	44.179	ng		99
72) Anthracene	11.416	178	45748	45.195	ng		98
73) Carbazole	11.574	167	36886	39.736	ng		100
74) Di-n-butylphthalate	11.898	149	57904	49.081	ng	#	98
75) Fluoranthene	12.551	202	42665	40.873	ng		96
78) Pyrene	12.780	202	42880	51.689	ng		99
80) Butylbenzylphthalate	13.392	149	18913	51.230	ng	#	85
81) Benzo(a)anthracene	13.962	228	30638	44.640	ng		98
82) 3,3'-Dichlorobenzidine	13.927	252	3286	18.160	ng		97
83) Chrysene	14.004	228	29693	44.753	ng		98
84) Bis(2-ethylhexyl)phtha...	13.945	149	28925	56.480	ng		95
85) Di-n-octyl phthalate	14.557	149	42063	52.061	ng		99
87) Indeno(1,2,3-cd)pyrene	16.880	276	32838	52.977	ng	#	90
88) Benzo(b)fluoranthene	15.004	252	29862	40.858	ng	#	93
89) Benzo(k)fluoranthene	15.033	252	28177	42.380	ng		94
90) Benzo(a)pyrene	15.368	252	27783	44.641	ng	#	93
91) Dibenzo(a,h)anthracene	16.892	278	29267	53.701	ng	#	89
92) Benzo(g,h,i)perylene	17.315	276	28600	54.707	ng	#	88

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

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