Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
Data File : BF125405.D
Acq On : 9 Sep 2021 9:50
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 09 11:36:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

mohammad

9/10/2021 3:25:00 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	156530	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	583120	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	305015	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	547650	20.000	ng		0.00
76) Chrysene-d12	14.057	240	329947	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	305263	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	737421	71.306	ng		0.00
7) Phenol-d6	6.522	99	974372	72.851	ng		0.00
23) Nitrobenzene-d5	7.457	82	881535	76.108	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	275353	90.436	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1524948	69.681	ng		0.00
79) Terphenyl-d14	12.998	244	1640832	79.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	184048	36.066	ng	#	100
3) Pyridine	3.440	79	497360	36.920	ng	#	90
4) n-Nitrosodimethylamine	3.393	42	233776	34.679	ng	#	41
6) Aniline	6.551	93	566235	36.041	ng	#	93
8) 2-Chlorophenol	6.675	128	392065	37.163	ng		84
9) Benzaldehyde	6.440	77	335935	35.789	ng		94
10) Phenol	6.540	94	540672	38.601	ng		90
11) bis(2-Chloroethyl)ether	6.622	93	403730	36.599	ng		85
12) 1,3-Dichlorobenzene	6.828	146	448256	36.667	ng		100
13) 1,4-Dichlorobenzene	6.904	146	449593	36.909	ng		98
14) 1,2-Dichlorobenzene	7.057	146	418148	36.487	ng		97
15) Benzyl Alcohol	7.034	79	365581	35.500	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	746494	33.744	ng		96
17) 2-Methylphenol	7.145	107	332065	37.470	ng		94
18) Hexachloroethane	7.398	117	159399	37.369	ng	#	86
19) n-Nitroso-di-n-propyla...	7.304	70	292796	36.396	ng	#	76
20) 3+4-Methylphenols	7.298	107	387765	34.857	ng	#	67
22) Acetophenone	7.298	105	521639	34.759	ng	#	88
24) Nitrobenzene	7.475	77	470937	37.314	ng		91
25) Isophorone	7.710	82	823620	36.860	ng	#	90
26) 2-Nitrophenol	7.787	139	215941	42.849	ng	#	80
27) 2,4-Dimethylphenol	7.822	122	305641	34.643	ng		89
28) bis(2-Chloroethoxy)met...	7.916	93	453046	36.619	ng	#	97
29) 2,4-Dichlorophenol	8.028	162	345527	38.402	ng		94
30) 1,2,4-Trichlorobenzene	8.110	180	369666	37.676	ng		94
31) Naphthalene	8.192	128	1079592	36.151	ng		99
32) Benzoic acid	7.945	122	228092m	38.091	ng		
33) 4-Chloroaniline	8.239	127	442539	37.589	ng	#	89
34) Hexachlorobutadiene	8.304	225	246908	39.466	ng		99
35) Caprolactam	8.622	113	103354	44.348	ng	#	58
36) 4-Chloro-3-methylphenol	8.728	107	368486	40.116	ng		94
37) 2-Methylnaphthalene	8.887	142	732916	37.140	ng		100
38) 1-Methylnaphthalene	8.987	142	695555	37.744	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	369014	37.030	ng		98
41) Hexachlorocyclopentadiene	9.034	237	196964	37.620	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	262759	37.447	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	278193	37.685	ng		95
46) 1,1'-Biphenyl	9.351	154	867380	35.273	ng		98
47) 2-Chloronaphthalene	9.375	162	718717	35.966	ng		97
48) 2-Nitroaniline	9.475	65	253509	40.925	ng		91
49) Acenaphthylene	9.792	152	1067425	36.657	ng		98
50) Dimethylphthalate	9.651	163	808571	38.253	ng	#	98
51) 2,6-Dinitrotoluene	9.716	165	188955	41.227	ng		94
52) Acenaphthene	9.963	154	634265	35.136	ng		99
53) 3-Nitroaniline	9.886	138	200083	40.481	ng	#	78
54) 2,4-Dinitrophenol	9.992	184	89779	49.590	ng	#	76
55) Dibenzofuran	10.134	168	936796	36.059	ng		99
56) 4-Nitrophenol	10.045	139	140112	35.797	ng	#	74
57) 2,4-Dinitrotoluene	10.116	165	246382	44.416	ng	#	97
58) Fluorene	10.481	166	738688	38.459	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	217865	39.768	ng	#	83
60) Diethylphthalate	10.345	149	790392	38.356	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	377239	38.846	ng	#	84
62) 4-Nitroaniline	10.498	138	191788	43.151	ng	#	84
63) Azobenzene	10.628	77	846020	36.603	ng		90
65) 4,6-Dinitro-2-methylph...	10.528	198	143121	49.378	ng		85
66) n-Nitrosodiphenylamine	10.586	169	715248	36.475	ng		97
67) 4-Bromophenyl-phenylether	10.957	248	256529	39.008	ng		92
68) Hexachlorobenzene	11.028	284	270694	40.012	ng	#	79
69) Atrazine	11.116	200	221250	39.319	ng		89
70) Pentachlorophenol	11.222	266	141631	35.854	ng		90
71) Phenanthrene	11.439	178	1098494	36.403	ng		98
72) Anthracene	11.492	178	1086719	36.537	ng		98
73) Carbazole	11.651	167	989997	36.424	ng		99
74) Di-n-butylphthalate	11.975	149	1180594	36.603	ng		99
75) Fluoranthene	12.633	202	1090032	36.405	ng		96
77) Benzidine	12.751	184	388585	33.722	ng		97
78) Pyrene	12.863	202	1089310	38.488	ng		96
80) Butylbenzylphthalate	13.474	149	440061	39.570	ng		94
81) Benzo(a)anthracene	14.051	228	890038	37.439	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	270985	36.773	ng	#	99
83) Chrysene	14.086	228	865508	36.814	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	582206	38.090	ng		99
85) Di-n-octyl phthalate	14.645	149	915986	36.031	ng		98
87) Indeno(1,2,3-cd)pyrene	17.051	276	867081	39.428	ng	#	90
88) Benzo(b)fluoranthene	15.110	252	845945	37.932	ng	#	94
89) Benzo(k)fluoranthene	15.139	252	747356	35.912	ng		99
90) Benzo(a)pyrene	15.486	252	737028	37.412	ng	#	96
91) Dibenzo(a,h)anthracene	17.068	278	744594	39.169	ng	#	93
92) Benzo(g,h,i)perylene	17.509	276	728173	39.727	ng	#	89

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

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