Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
Data File : BF125418.D
Acq On : 10 Sep 2021 11:27
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 10 13:12:43 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

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9/14/2021 2:47:23 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	150397	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	558149	20.000	ng	#	0.00
39) Acenaphthene-d10	9.928	164	290532	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	517505	20.000	ng		0.00
76) Chrysene-d12	14.063	240	313677	20.000	ng	#	0.00
86) Perylene-d12	15.551	264	308508	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	697195	70.166	ng		0.00
7) Phenol-d6	6.522	99	912559	71.011	ng		0.00
23) Nitrobenzene-d5	7.457	82	818258	73.805	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	257090	88.647	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1435848	68.880	ng		0.00
79) Terphenyl-d14	13.004	244	1512555	76.819	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	176172	35.931	ng	#	100
3) Pyridine	3.434	79	465481	35.962	ng	#	90
4) n-Nitrosodimethylamine	3.387	42	218532	33.740	ng	#	34
6) Aniline	6.551	93	528816	35.032	ng	#	93
8) 2-Chlorophenol	6.675	128	371028	36.603	ng		82
9) Benzaldehyde	6.440	77	332025	36.815	ng		92
10) Phenol	6.540	94	507133	37.683	ng		90
11) bis(2-Chloroethyl)ether	6.622	93	376148	35.489	ng		86
12) 1,3-Dichlorobenzene	6.828	146	427379	36.385	ng		97
13) 1,4-Dichlorobenzene	6.904	146	429628	36.708	ng		98
14) 1,2-Dichlorobenzene	7.057	146	390811	35.492	ng		97
15) Benzyl Alcohol	7.034	79	346318	35.001	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	704039	33.122	ng		97
17) 2-Methylphenol	7.145	107	309152	36.307	ng		94
18) Hexachloroethane	7.398	117	151280	36.912	ng	#	88
19) n-Nitroso-di-n-propyla...	7.304	70	263815	34.130	ng	#	77
20) 3+4-Methylphenols	7.298	107	356016	33.308	ng	#	66
22) Acetophenone	7.298	105	488859	34.032	ng	#	86
24) Nitrobenzene	7.475	77	435553	36.054	ng		91
25) Isophorone	7.710	82	763238	35.686	ng	#	89
26) 2-Nitrophenol	7.787	139	202412	41.961	ng	#	79
27) 2,4-Dimethylphenol	7.822	122	283761	33.602	ng		89
28) bis(2-Chloroethoxy)met...	7.916	93	427964	36.139	ng	#	97
29) 2,4-Dichlorophenol	8.034	162	319309	37.076	ng		96
30) 1,2,4-Trichlorobenzene	8.110	180	340787	36.287	ng		94
31) Naphthalene	8.192	128	1008898	35.295	ng		99
32) Benzoic acid	7.945	122	190177m	33.180	ng		
33) 4-Chloroaniline	8.245	127	416322	36.945	ng	#	93
34) Hexachlorobutadiene	8.304	225	225776	37.703	ng		99
35) Caprolactam	8.622	113	91485	41.012	ng	#	53
36) 4-Chloro-3-methylphenol	8.728	107	338828	38.538	ng		92
37) 2-Methylnaphthalene	8.886	142	692316	36.652	ng		98
38) 1-Methylnaphthalene	8.986	142	648237	36.750	ng		94
40) 1,2,4,5-Tetrachloroben...	9.051	216	348560	36.721	ng		96
41) Hexachlorocyclopentadiene	9.034	237	182522	36.599	ng		98
43) 2,4,6-Trichlorophenol	9.163	196	241958	36.202	ng		97

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44) 2,4,5-Trichlorophenol	9.210	196	257534	36.625	ng		91
46) 1,1'-Biphenyl	9.351	154	803228	34.292	ng		99
47) 2-Chloronaphthalene	9.375	162	660631	34.707	ng		97
48) 2-Nitroaniline	9.475	65	238828	40.477	ng	#	82
49) Acenaphthylene	9.792	152	988750	35.648	ng		98
50) Dimethylphthalate	9.651	163	756862	37.592	ng	#	98
51) 2,6-Dinitrotoluene	9.716	165	174883	40.059	ng		94
52) Acenaphthene	9.963	154	580389	33.754	ng		98
53) 3-Nitroaniline	9.886	138	184262	39.138	ng	#	79
54) 2,4-Dinitrophenol	9.992	184	81249	47.116	ng	#	84
55) Dibenzofuran	10.133	168	874060	35.321	ng		98
56) 4-Nitrophenol	10.051	139	129559	34.751	ng	#	81
57) 2,4-Dinitrotoluene	10.122	165	225167	42.615	ng	#	94
58) Fluorene	10.481	166	686354	37.516	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	203474	38.993	ng	#	84
60) Diethylphthalate	10.345	149	730196	37.202	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	351753	38.027	ng	#	85
62) 4-Nitroaniline	10.498	138	177688	41.971	ng	#	83
63) Azobenzene	10.628	77	777739	35.326	ng		90
65) 4,6-Dinitro-2-methylph...	10.528	198	131306	47.940	ng		95
66) n-Nitrosodiphenylamine	10.586	169	649450	35.049	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	236049	37.985	ng		96
68) Hexachlorobenzene	11.028	284	248272	38.836	ng	#	84
69) Atrazine	11.116	200	202181	38.024	ng		90
70) Pentachlorophenol	11.222	266	137796	36.915	ng		92
71) Phenanthrene	11.445	178	1002960	35.173	ng		98
72) Anthracene	11.498	178	999043	35.546	ng		99
73) Carbazole	11.651	167	915021	35.626	ng		99
74) Di-n-butylphthalate	11.975	149	1087684	35.687	ng		100
75) Fluoranthene	12.633	202	1014748	35.865	ng		98
77) Benzidine	12.751	184	394485	36.009	ng		97
78) Pyrene	12.863	202	1012999	37.648	ng		97
80) Butylbenzylphthalate	13.474	149	400924	37.920	ng		94
81) Benzo(a)anthracene	14.051	228	828033	36.637	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	254773	36.366	ng	#	98
83) Chrysene	14.092	228	803254	35.938	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	530952	36.538	ng		100
85) Di-n-octyl phthalate	14.645	149	846515	35.025	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	882238	39.695	ng	#	90
88) Benzo(b)fluoranthene	15.116	252	772383	34.269	ng	#	95
89) Benzo(k)fluoranthene	15.145	252	740161	35.192	ng		99
90) Benzo(a)pyrene	15.492	252	716566	35.991	ng	#	96
91) Dibenzo(a,h)anthracene	17.080	278	751390	39.111	ng	#	94
92) Benzo(g,h,i)perylene	17.515	276	746907	40.321	ng	#	86

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

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