Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102521\
Data File : BF125917.D
Acq On : 25 Oct 2021 14:56
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
10/26/2021 11:33:15 AM

Quant Time: Oct 25 17:25:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 17:23:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	142564	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	539390	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	293866	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	521599	20.000	ng	0.00
76) Chrysene-d12	14.033	240	297850	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	230374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	733278	84.026	ng	0.00
7) Phenol-d6	6.492	99	964704	85.871	ng	0.00
23) Nitrobenzene-d5	7.433	82	847690	97.689	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	206757	71.262	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1314074	77.128	ng	0.00
79) Terphenyl-d14	12.980	244	1399241	71.559	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	178569	48.057	ng	# 100
3) Pyridine	3.398	79	500423	52.054	ng	# 82
4) n-Nitrosodimethylamine	3.328	42	316334	91.419	ng	# 79
6) Aniline	6.534	93	617333	47.728	ng	# 91
8) 2-Chlorophenol	6.657	128	376718	39.413	ng	# 79
9) Benzaldehyde	6.422	77	296671	48.659	ng	94
10) Phenol	6.510	94	494026	45.221	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	397999	44.963	ng	# 75
12) 1,3-Dichlorobenzene	6.810	146	416778m	39.969	ng	
13) 1,4-Dichlorobenzene	6.892	146	412482	38.789	ng	97
14) 1,2-Dichlorobenzene	7.045	146	382833	38.440	ng	96
15) Benzyl Alcohol	7.010	79	397897	53.443	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	978199	86.410	ng	96
17) 2-Methylphenol	7.116	107	327615	43.054	ng	# 94
18) Hexachloroethane	7.386	117	157030	42.883	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	288541	48.653	ng	# 94
20) 3+4-Methylphenols	7.275	107	400558	42.684	ng	# 82
22) Acetophenone	7.281	105	532795	44.934	ng	# 81
24) Nitrobenzene	7.451	77	439131	52.217	ng	# 84
25) Isophorone	7.698	82	776739	50.526	ng	# 88
26) 2-Nitrophenol	7.769	139	154766	36.393	ng	# 73
27) 2,4-Dimethylphenol	7.804	122	302820	42.760	ng	87
28) bis(2-Chloroethoxy)met...	7.904	93	473598	44.383	ng	# 96
29) 2,4-Dichlorophenol	8.004	162	300142	39.343	ng	89
30) 1,2,4-Trichlorobenzene	8.098	180	347545	41.544	ng	97
31) Naphthalene	8.175	128	1052866	40.371	ng	98
32) Benzoic acid	7.910	122	216941	43.565	ng	# 79
33) 4-Chloroaniline	8.222	127	435417	39.893	ng	# 87
34) Hexachlorobutadiene	8.298	225	217028	46.443	ng	99
35) Caprolactam	8.592	113	101010	45.826	ng	# 12
36) 4-Chloro-3-methylphenol	8.698	107	347576	46.635	ng	91
37) 2-Methylnaphthalene	8.869	142	670207	39.680	ng	96
38) 1-Methylnaphthalene	8.969	142	654614	39.941	ng	88
40) 1,2,4,5-Tetrachloroben...	9.033	216	313293	39.723	ng	100
41) Hexachlorocyclopentadiene	9.022	237	179425	46.353	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	219558	38.409	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	232923	38.320	ng		96
46) 1,1'-Biphenyl	9.333	154	828469	38.345	ng		99
47) 2-Chloronaphthalene	9.357	162	630074	35.917	ng		98
48) 2-Nitroaniline	9.445	65	250626	59.510	ng	#	70
49) Acenaphthylene	9.769	152	949954	36.976	ng		97
50) Dimethylphthalate	9.633	163	713313	36.873	ng		97
51) 2,6-Dinitrotoluene	9.686	165	151506	38.747	ng	#	58
52) Acenaphthene	9.945	154	609531	37.976	ng		99
53) 3-Nitroaniline	9.857	138	171192	37.027	ng	#	66
54) 2,4-Dinitrophenol	9.957	184	52303	31.512	ng		86
55) Dibenzofuran	10.116	168	909365	37.821	ng		97
56) 4-Nitrophenol	10.004	139	137651	39.939	ng	#	74
57) 2,4-Dinitrotoluene	10.086	165	194346	39.309	ng	#	83
58) Fluorene	10.457	166	630307	35.792	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.227	232	187798	40.933	ng	#	92
60) Diethylphthalate	10.333	149	731514	39.631	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	311993	36.782	ng		90
62) 4-Nitroaniline	10.469	138	156311	36.586	ng		90
63) Azobenzene	10.610	77	836451	48.209	ng		96
65) 4,6-Dinitro-2-methylph...	10.498	198	88228	33.910	ng		89
66) n-Nitrosodiphenylamine	10.569	169	603502	33.917	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	215881	37.371	ng		97
68) Hexachlorobenzene	11.004	284	225217	34.403	ng	#	89
69) Atrazine	11.092	200	200010	38.728	ng		95
70) Pentachlorophenol	11.192	266	138230	39.501	ng		94
71) Phenanthrene	11.416	178	1047827	37.546	ng		99
72) Anthracene	11.469	178	1042066	37.385	ng		99
73) Carbazole	11.621	167	999582	38.533	ng		98
74) Di-n-butylphthalate	11.957	149	1102884	38.511	ng		98
75) Fluoranthene	12.604	202	1060112	42.098	ng		98
77) Benzidine	12.721	184	351266	32.227	ng		98
78) Pyrene	12.833	202	1093450	36.136	ng		98
80) Butylbenzylphthalate	13.457	149	376069	38.773	ng	#	84
81) Benzo(a)anthracene	14.021	228	776151	40.165	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	245014	40.128	ng		98
83) Chrysene	14.057	228	767186	40.166	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	387543	36.721	ng		99
85) Di-n-octyl phthalate	14.633	149	600813	34.169	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.962	276	717162	40.787	ng	#	91
88) Benzo(b)fluoranthene	15.068	252	612111	47.063	ng	#	95
89) Benzo(k)fluoranthene	15.098	252	562335	42.111	ng		99
90) Benzo(a)pyrene	15.433	252	499138	43.336	ng	#	94
91) Dibenzo(a,h)anthracene	16.986	278	579491	39.954	ng		96
92) Benzo(g,h,i)perylene	17.409	276	613769	41.438	ng	#	88

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

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