Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121521\
Data File : BF126200.D
Acq On : 15 Dec 2021 18:54
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/16/2021
Supervised By :mohammad ahmed 12/17/2021

Quant Time: Dec 16 11:46:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 11:43:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.816	152	254347	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	1037554	20.000	ng	#	0.00
39) Acenaphthene-d10	9.857	164	472589	20.000	ng		0.00
64) Phenanthrene-d10	11.339	188	737465	20.000	ng	#	0.00
76) Chrysene-d12	13.974	240	365060	20.000	ng	#	0.00
86) Perylene-d12	15.410	264	363193	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1798974	104.159	ng		0.00
7) Phenol-d6	6.451	99	2314176	105.524	ng		0.00
23) Nitrobenzene-d5	7.387	82	2080110	108.579	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	426134	112.201	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2473599	91.801	ng		0.00
79) Terphenyl-d14	12.927	244	2142902	102.028	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	465872	55.258	ng	#	100
3) Pyridine	3.281	79	1287992	57.528	ng	#	79
4) n-Nitrosodimethylamine	3.240	42	499025	57.994	ng	#	1
6) Aniline	6.487	93	1540136	55.289	ng		97
8) 2-Chlorophenol	6.604	128	921336	52.604	ng		88
9) Benzaldehyde	6.369	77	654719	49.474	ng		94
10) Phenol	6.463	94	1261503	51.243	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	1030885	53.950	ng		95
12) 1,3-Dichlorobenzene	6.763	146	915363	51.810	ng		97
13) 1,4-Dichlorobenzene	6.840	146	918982	51.508	ng		96
14) 1,2-Dichlorobenzene	6.993	146	820932	49.764	ng		95
15) Benzyl Alcohol	6.963	79	859689	53.698	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1718262	54.950	ng		95
17) 2-Methylphenol	7.069	107	839739	54.730	ng		97
18) Hexachloroethane	7.334	117	376607	53.664	ng		94
19) n-Nitroso-di-n-propyla...	7.245	70	733026	54.448	ng	#	72
20) 3+4-Methylphenols	7.228	107	901314	49.689	ng		89
22) Acetophenone	7.234	105	1214420	50.858	ng	#	96
24) Nitrobenzene	7.404	77	1047003	54.747	ng		90
25) Isophorone	7.651	82	2046037	56.556	ng	#	87
26) 2-Nitrophenol	7.716	139	498872	57.865	ng	#	80
27) 2,4-Dimethylphenol	7.757	122	790220	53.930	ng		97
28) bis(2-Chloroethoxy)met...	7.857	93	1280146	53.821	ng	#	97
29) 2,4-Dichlorophenol	7.957	162	715306	54.963	ng		92
30) 1,2,4-Trichlorobenzene	8.045	180	702157	52.160	ng		99
31) Naphthalene	8.128	128	2471222	50.930	ng		100
32) Benzoic acid	7.892	122	795360	63.088	ng		93
33) 4-Chloroaniline	8.169	127	1097543	54.173	ng	#	93
34) Hexachlorobutadiene	8.245	225	349679	52.890	ng		100
35) Caprolactam	8.551	113	196885m	60.881	ng		
36) 4-Chloro-3-methylphenol	8.651	107	840944	54.778	ng		89
37) 2-Methylnaphthalene	8.816	142	1518950	50.832	ng		100
38) 1-Methylnaphthalene	8.916	142	1469179	50.663	ng		97
40) 1,2,4,5-Tetrachloroben...	8.981	216	521147	51.094	ng	#	96
41) Hexachlorocyclopentadiene	8.975	237	330685	56.616	ng		96
43) 2,4,6-Trichlorophenol	9.087	196	440202	54.863	ng		95

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44) 2,4,5-Trichlorophenol	9.128	196	449264	54.070	ng		94
46) 1,1'-Biphenyl	9.281	154	1779526	50.926	ng		96
47) 2-Chloronaphthalene	9.304	162	1360056	51.731	ng		95
48) 2-Nitroaniline	9.398	65	561097	58.471	ng		91
49) Acenaphthylene	9.722	152	2075930	51.674	ng		96
50) Dimethylphthalate	9.586	163	1588254	53.055	ng		97
51) 2,6-Dinitrotoluene	9.639	165	365192	56.361	ng	#	78
52) Acenaphthene	9.892	154	1368711	52.536	ng		99
53) 3-Nitroaniline	9.810	138	470777	57.163	ng	#	69
54) 2,4-Dinitrophenol	9.910	184	179060	67.115	ng	#	84
55) Dibenzofuran	10.063	168	1814851	51.165	ng		98
56) 4-Nitrophenol	9.957	139	369104	62.046	ng	#	75
57) 2,4-Dinitrotoluene	10.045	165	469446	56.796	ng	#	94
58) Fluorene	10.404	166	1203032	46.849	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.175	232	332485	53.968	ng	#	97
60) Diethylphthalate	10.286	149	1575492	52.369	ng		98
61) 4-Chlorophenyl-phenyle...	10.398	204	540731	46.768	ng		97
62) 4-Nitroaniline	10.428	138	426972	61.803	ng	#	75
63) Azobenzene	10.557	77	1928693	52.929	ng		86
65) 4,6-Dinitro-2-methylph...	10.451	198	248928	61.815	ng		93
66) n-Nitrosodiphenylamine	10.516	169	1217045	51.422	ng		98
67) 4-Bromophenyl-phenylether	10.886	248	368438	53.233	ng	#	88
68) Hexachlorobenzene	10.951	284	420937	52.880	ng		89
69) Atrazine	11.039	200	221769	51.130	ng		98
70) Pentachlorophenol	11.139	266	256070	57.985	ng		93
71) Phenanthrene	11.363	178	1913075	50.261	ng		96
72) Anthracene	11.416	178	1947158	50.967	ng		97
73) Carbazole	11.569	167	1866095	51.867	ng		99
74) Di-n-butylphthalate	11.904	149	2293169	50.278	ng		98
75) Fluoranthene	12.551	202	1776637	51.806	ng		92
77) Benzidine	12.663	184	281815	48.966	ng		97
78) Pyrene	12.780	202	1777440	52.996	ng		95
80) Butylbenzylphthalate	13.404	149	906440	57.433	ng	#	86
81) Benzo(a)anthracene	13.963	228	1156735	53.493	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	560694	56.756	ng	#	98
83) Chrysene	14.004	228	1223265	54.446	ng		97
84) Bis(2-ethylhexyl)phtha...	13.963	149	930481	52.759	ng		99
85) Di-n-octyl phthalate	14.574	149	1814634	57.718	ng		100
87) Indeno(1,2,3-cd)pyrene	16.845	276	1365029	56.347	ng	#	92
88) Benzo(b)fluoranthene	14.998	252	1182365m	54.181	ng		
89) Benzo(k)fluoranthene	15.027	252	1183597	56.697	ng	#	95
90) Benzo(a)pyrene	15.357	252	1039274	57.300	ng		96
91) Dibenzo(a,h)anthracene	16.868	278	1112038	56.469	ng		95
92) Benzo(g,h,i)perylene	17.274	276	1164785	57.167	ng		93

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

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