Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125503.D
Acq On : 15 Sep 2021 13:53
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/16/2021 11:44:38 AM

Quant Time: Sep 15 14:17:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 13:04:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	176827	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	617781	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	328869	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	585404	20.000	ng	0.00
76) Chrysene-d12	14.057	240	361370	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	293361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1412351	120.894	ng	0.00
7) Phenol-d6	6.522	99	1878023	124.296	ng	0.01
23) Nitrobenzene-d5	7.451	82	1784704	145.439	ng	0.01
42) 2,4,6-Tribromophenol	10.716	330	588665	179.316	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	2890371	122.492	ng	0.00
79) Terphenyl-d14	12.998	244	3331740	146.879	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	383362	66.501	ng	# 100
3) Pyridine	3.440	79	1043214	68.551	ng	90
4) n-Nitrosodimethylamine	3.422	42	518288	68.060	ng	# 39
6) Aniline	6.551	93	1101660	62.072	ng	# 93
8) 2-Chlorophenol	6.669	128	737721	61.901	ng	80
11) bis(2-Chloroethyl)ether	6.616	93	806386	64.710	ng	83
12) 1,3-Dichlorobenzene	6.816	146	877642	63.550	ng	97
13) 1,4-Dichlorobenzene	6.892	146	875506	63.623	ng	98
15) Benzyl Alcohol	7.028	79	679135	58.379	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1382939	55.337	ng	90
17) 2-Methylphenol	7.139	107	638144	63.742	ng	# 84
18) Hexachloroethane	7.381	117	317955	65.984	ng	# 86
19) n-Nitroso-di-n-propyla...	7.304	70	600552	66.082	ng	# 76
20) 3+4-Methylphenols	7.292	107	717441	57.089	ng	# 79
22) Acetophenone	7.298	105	1036122	65.168	ng	# 89
24) Nitrobenzene	7.469	77	915281	68.452	ng	# 87
25) Isophorone	7.710	82	1774680	74.967	ng	# 90
26) 2-Nitrophenol	7.781	139	444169	83.191	ng	# 85
27) 2,4-Dimethylphenol	7.816	122	614629m	65.757	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	901236	68.759	ng	# 96
29) 2,4-Dichlorophenol	8.022	162	687993	72.174	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	727211	69.959	ng	95
31) Naphthalene	8.181	128	2054551	64.938	ng	99
32) Benzoic acid	7.992	122	553773	87.290	ng	# 82
33) 4-Chloroaniline	8.233	127	844728	67.726	ng	# 89
34) Hexachlorobutadiene	8.292	225	482754	72.834	ng	99
35) Caprolactam	8.645	113	239504m	97.003	ng	
36) 4-Chloro-3-methylphenol	8.728	107	736824	75.716	ng	89
37) 2-Methylnaphthalene	8.875	142	1421207	67.977	ng	99
38) 1-Methylnaphthalene	8.975	142	1323817	67.806	ng	96
40) 1,2,4,5-Tetrachloroben...	9.039	216	720917	67.095	ng	98
41) Hexachlorocyclopentadiene	9.022	237	330253	58.503	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	530868	70.169	ng	98
44) 2,4,5-Trichlorophenol	9.204	196	552226	69.380	ng	92
46) 1,1'-Biphenyl	9.339	154	1633637	61.615	ng	99
47) 2-Chloronaphthalene	9.369	162	1365635	63.382	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.469	65	519784	77.825	ng	#	82
49) Acenaphthylene	9.786	152	1946200	61.988	ng		99
50) Dimethylphthalate	9.651	163	1639599	71.943	ng	#	97
51) 2,6-Dinitrotoluene	9.716	165	370929	75.060	ng		98
52) Acenaphthene	9.957	154	1210051	62.170	ng		98
53) 3-Nitroaniline	9.886	138	404797	75.958	ng	#	72
54) 2,4-Dinitrophenol	9.992	184	235814	120.806	ng	#	86
55) Dibenzofuran	10.127	168	1727518	61.672	ng		99
56) 4-Nitrophenol	10.051	139	310188	73.501	ng	#	76
57) 2,4-Dinitrotoluene	10.122	165	453566	75.835	ng	#	87
58) Fluorene	10.469	166	1394950	67.360	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	439277	74.368	ng	#	83
60) Diethylphthalate	10.345	149	1503108	67.653	ng		97
61) 4-Chlorophenyl-phenyle...	10.457	204	713003	68.096	ng	#	87
62) 4-Nitroaniline	10.510	138	399707	83.407	ng		86
63) Azobenzene	10.622	77	1582629	63.506	ng		92
65) 4,6-Dinitro-2-methylph...	10.533	198	320805	103.542	ng		87
66) n-Nitrosodiphenylamine	10.586	169	1355437	64.664	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	511630	72.782	ng	#	89
68) Hexachlorobenzene	11.016	284	545355	75.412	ng	#	86
69) Atrazine	11.110	200	376817	62.647	ng		90
70) Pentachlorophenol	11.216	266	303062	71.772	ng		91
71) Phenanthrene	11.433	178	2072254	64.244	ng		96
72) Anthracene	11.486	178	2075388	65.277	ng		97
73) Carbazole	11.645	167	1913480	65.860	ng		99
74) Di-n-butylphthalate	11.963	149	2210915	64.127	ng		99
75) Fluoranthene	12.621	202	2235579	69.849	ng		97
77) Benzidine	12.745	184	578220	45.815	ng		99
78) Pyrene	12.857	202	2258798	72.868	ng		95
80) Butylbenzylphthalate	13.463	149	910803	74.776	ng		89
81) Benzo(a)anthracene	14.045	228	1877345	72.103	ng		97
82) 3,3'-Dichlorobenzidine	14.004	252	500795	62.049	ng		98
83) Chrysene	14.086	228	1765015	68.546	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	1156906	69.107	ng		98
85) Di-n-octyl phthalate	14.633	149	1828842	65.683	ng		98
87) Indeno(1,2,3-cd)pyrene	17.045	276	1579800	74.751	ng	#	88
88) Benzo(b)fluoranthene	15.104	252	1685005	78.620	ng	#	93
89) Benzo(k)fluoranthene	15.139	252	1346673m	67.335	ng		
90) Benzo(a)pyrene	15.480	252	1372524	72.498	ng	#	97
91) Dibenzo(a,h)anthracene	17.068	278	1317807	72.135	ng	#	93
92) Benzo(g,h,i)perylene	17.509	276	1359165	77.161	ng	#	88

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

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