Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092121\
Data File : BF125534.D
Acq On : 21 Sep 2021 13:16
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/22/2021 4:41:34 PM

Quant Time: Sep 21 19:19:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:17:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	246826	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	903302	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	460408	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	704088	20.000	ng	0.00
76) Chrysene-d12	14.063	240	362783	20.000	ng	0.00
86) Perylene-d12	15.539	264	390017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1962422	125.728	ng	0.01
7) Phenol-d6	6.534	99	2558692	127.143	ng	0.01
23) Nitrobenzene-d5	7.475	82	2174180	153.518	ng	0.01
42) 2,4,6-Tribromophenol	10.733	330	633972	140.584	ng	0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	13.016	244	2834054	126.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	436061	69.292	ng	# 100
3) Pyridine	3.463	79	1167131	69.214	ng	# 74
4) n-Nitrosodimethylamine	3.440	42	469756	70.630	ng	# 6
6) Aniline	6.575	93	1589402	68.601	ng	94
8) 2-Chlorophenol	6.692	128	1146810	64.342	ng	96
10) Phenol	6.551	94	1309624m	61.864	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1062016	64.851	ng	99
12) 1,3-Dichlorobenzene	6.845	146	1250008	65.252	ng	99
13) 1,4-Dichlorobenzene	6.922	146	1256136	64.871	ng	97
14) 1,2-Dichlorobenzene	7.081	146	1110993	61.432	ng	100
15) Benzyl Alcohol	7.045	79	942507	65.445	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1487606	66.020	ng	90
17) 2-Methylphenol	7.145	107	960686	67.524	ng	97
18) Hexachloroethane	7.416	117	465328	67.493	ng	97
19) n-Nitroso-di-n-propyla...	7.334	70	777148	64.522	ng	# 72
20) 3+4-Methylphenols	7.310	107	1065300	60.220	ng	91
22) Acetophenone	7.322	105	1400504	67.010	ng	# 90
24) Nitrobenzene	7.492	77	1117399	74.456	ng	97
25) Isophorone	7.734	82	2215751	72.702	ng	93
26) 2-Nitrophenol	7.804	139	592266	87.643	ng	# 94
27) 2,4-Dimethylphenol	7.834	122	965548	71.291	ng	94
28) bis(2-Chloroethoxy)met...	7.939	93	1240068	70.819	ng	98
29) 2,4-Dichlorophenol	8.039	162	998691	72.943	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	1004939	69.644	ng	97
31) Naphthalene	8.210	128	2946241	63.508	ng	# 95
32) Benzoic acid	7.987	122	738604	89.817	ng	97
33) 4-Chloroaniline	8.251	127	1335281	70.222	ng	99
34) Hexachlorobutadiene	8.328	225	568816	69.908	ng	98
35) Caprolactam	8.651	113	273255m	72.773	ng	
36) 4-Chloro-3-methylphenol	8.734	107	955540	71.046	ng	97
37) 2-Methylnaphthalene	8.898	142	2041566	64.972	ng	96
38) 1-Methylnaphthalene	8.998	142	1926250	65.336	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	840873	67.830	ng	99
41) Hexachlorocyclopentadiene	9.057	237	510942	73.700	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	669375	71.666	ng	97
44) 2,4,5-Trichlorophenol	9.210	196	712327	72.671	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2192750	63.210	ng		91
47) 2-Chloronaphthalene	9.392	162	1914705	66.454	ng		98
48) 2-Nitroaniline	9.481	65	514630	83.705	ng		96
49) Acenaphthylene	9.810	152	2676254	63.202	ng	#	92
50) Dimethylphthalate	9.675	163	2126444	67.109	ng	#	98
51) 2,6-Dinitrotoluene	9.728	165	500650	79.417	ng		96
52) Acenaphthene	9.981	154	1780137	66.597	ng		96
53) 3-Nitroaniline	9.898	138	527023	78.715	ng		93
54) 2,4-Dinitrophenol	9.998	184	219801	96.779	ng	#	71
55) Dibenzofuran	10.151	168	2501386	63.061	ng		96
56) 4-Nitrophenol	10.045	139	427501	78.710	ng		89
57) 2,4-Dinitrotoluene	10.128	165	631336	83.567	ng	#	90
59) 2,3,4,6-Tetrachlorophenol	10.263	232	517127	70.242	ng	#	90
60) Diethylphthalate	10.369	149	2035278	65.172	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	855225	63.033	ng		94
62) 4-Nitroaniline	10.516	138	474542	78.431	ng	#	77
63) Azobenzene	10.645	77	1973090	65.025	ng		86
65) 4,6-Dinitro-2-methylph...	10.539	198	314325	91.966	ng	#	79
66) n-Nitrosodiphenylamine	10.604	169	1786201	69.877	ng		93
67) 4-Bromophenyl-phenylether	10.975	248	571289	71.001	ng		99
68) Hexachlorobenzene	11.039	284	642323	70.834	ng	#	89
69) Atrazine	11.128	200	432726	62.948	ng		94
70) Pentachlorophenol	11.227	266	388767	75.197	ng		95
71) Phenanthrene	11.457	178	2506395m	63.373	ng		
72) Anthracene	11.504	178	2501879	63.461	ng	#	94
73) Carbazole	11.657	167	2374124	63.672	ng		95
74) Di-n-butylphthalate	11.986	149	2680223	60.568	ng		97
75) Fluoranthene	12.639	202	2387914	61.543	ng		94
77) Benzidine	12.751	184	852687	82.893	ng		98
78) Pyrene	12.869	202	2348447	69.078	ng	#	91
80) Butylbenzylphthalate	13.486	149	1025581	74.656	ng		98
81) Benzo(a)anthracene	14.057	228	1689938	68.431	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	559034	73.882	ng		96
83) Chrysene	14.092	228	1763751	70.701	ng		95
84) Bis(2-ethylhexyl)phtha...	14.045	149	1247711	74.297	ng		99
85) Di-n-octyl phthalate	14.663	149	2247254	80.479	ng	#	92
87) Indeno(1,2,3-cd)pyrene	17.045	276	2201474	78.631	ng		97
88) Benzo(b)fluoranthene	15.110	252	2000934	70.149	ng		98
89) Benzo(k)fluoranthene	15.145	252	1750706	67.111	ng	#	97
90) Benzo(a)pyrene	15.486	252	1785269	71.912	ng		97
91) Dibenzo(a,h)anthracene	17.068	278	1821151	76.748	ng		98
92) Benzo(g,h,i)perylene	17.504	276	1866623	79.704	ng		93

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

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