Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
Data File : BF125072.D
Acq On : 17 Aug 2021 15:15
Operator : JU/CG
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/18/2021 4:31:08 PM

Quant Time: Aug 17 15:41:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 17 14:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	197607	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	697336	20.000	ng	#	0.00
39) Acenaphthene-d10	9.969	164	326539	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	548069	20.000	ng	#	0.00
76) Chrysene-d12	14.092	240	295406	20.000	ng		0.00
86) Perylene-d12	15.580	264	240554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1613809	133.781	ng		0.01
7) Phenol-d6	6.557	99	2019160	132.746	ng		0.02
23) Nitrobenzene-d5	7.498	82	1842740	138.239	ng		0.01
42) 2,4,6-Tribromophenol	10.757	330	464083	159.080	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	0.000	244	0d	0.000	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	457052	101.274	ng	#	100
3) Pyridine	3.522	79	1289887	123.002	ng		89
4) n-Nitrosodimethylamine	3.504	42	692129	92.941	ng	#	52
6) Aniline	6.598	93	1389056	86.452	ng	#	91
8) 2-Chlorophenol	6.716	128	796413	60.187	ng	#	80
11) bis(2-Chloroethyl)ether	6.669	93	861972	73.211	ng		83
12) 1,3-Dichlorobenzene	6.869	146	870803m	60.463	ng		
13) 1,4-Dichlorobenzene	6.945	146	866640	60.194	ng		95
15) Benzyl Alcohol	7.069	79	846994	77.196	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	1953169	103.544	ng		99
17) 2-Methylphenol	7.169	107	772708	78.013	ng		96
18) Hexachloroethane	7.439	117	345224	61.244	ng		98
19) n-Nitroso-di-n-propyla...	7.351	70	683097	75.686	ng	#	86
22) Acetophenone	7.345	105	1113213	65.183	ng		96
24) Nitrobenzene	7.516	77	994494	77.100	ng	#	88
25) Isophorone	7.757	82	1947921	85.618	ng	#	89
26) 2-Nitrophenol	7.828	139	450046	68.709	ng	#	83
27) 2,4-Dimethylphenol	7.857	122	725783	78.167	ng		88
28) bis(2-Chloroethoxy)met...	7.957	93	960809	74.201	ng	#	97
29) 2,4-Dichlorophenol	8.063	162	670413	64.807	ng		94
30) 1,2,4-Trichlorobenzene	8.151	180	677558	58.445	ng		99
31) Naphthalene	8.233	128	2162503	60.358	ng		100
32) Benzoic acid	8.004	122	662993	138.146	ng		86
33) 4-Chloroaniline	8.280	127	948288	71.025	ng	#	90
34) Hexachlorobutadiene	8.345	225	397107	57.359	ng		99
35) Caprolactam	8.680	113	248140m	90.329	ng		
36) 4-Chloro-3-methylphenol	8.757	107	803054	74.212	ng		88
37) 2-Methylnaphthalene	8.922	142	1450903	60.231	ng		100
38) 1-Methylnaphthalene	9.022	142	1375220	61.013	ng		97
40) 1,2,4,5-Tetrachloroben...	9.086	216	583893	62.297	ng		99
41) Hexachlorocyclopentadiene	9.074	237	338998	148.921	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	460925	73.873	ng		97
44) 2,4,5-Trichlorophenol	9.233	196	492812	78.025	ng		94
46) 1,1'-Biphenyl	9.392	154	1657071	68.098	ng		97
47) 2-Chloronaphthalene	9.416	162	1295677	66.927	ng		99
48) 2-Nitroaniline	9.510	65	558365	98.185	ng	#	81

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	9.833	152	2080245	70.740	ng		97
50) Dimethylphthalate	9.692	163	1462831	66.107	ng		97
51) 2,6-Dinitrotoluene	9.751	165	349156	70.860	ng	#	68
52) Acenaphthene	10.004	154	1328506	74.520	ng		99
53) 3-Nitroaniline	9.922	138	435056	83.828	ng	#	78
54) 2,4-Dinitrophenol	10.021	184	176668	82.154	ng	#	80
55) Dibenzofuran	10.174	168	1847154	66.298	ng		99
56) 4-Nitrophenol	10.069	139	361962	105.804	ng	#	74
57) 2,4-Dinitrotoluene	10.157	165	432928	64.714	ng	#	87
58) Fluorene	10.516	166	1357096	63.525	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.286	232	362987	76.598	ng	#	98
60) Diethylphthalate	10.392	149	1550321	68.271	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	615105	60.971	ng	#	87
62) 4-Nitroaniline	10.545	138	401807	79.743	ng		86
63) Azobenzene	10.669	77	1713769	77.174	ng		93
65) 4,6-Dinitro-2-methylph...	10.563	198	222393	64.771	ng		82
66) n-Nitrosodiphenylamine	10.627	169	1261817	71.034	ng		94
67) 4-Bromophenyl-phenylether	10.998	248	395304	65.851	ng		98
68) Hexachlorobenzene	11.063	284	444710	68.094	ng	#	86
69) Atrazine	11.157	200	357469	66.970	ng		93
70) Pentachlorophenol	11.251	266	288551	103.363	ng		93
71) Phenanthrene	11.480	178	1876935	63.132	ng		96
72) Anthracene	11.533	178	1849956	62.027	ng		97
73) Carbazole	11.686	167	1950540	71.315	ng		99
74) Di-n-butylphthalate	12.010	149	2223838	63.975	ng		98
75) Fluoranthene	12.668	202	1963515	63.840	ng		97
78) Pyrene	12.898	202	1983081	85.227	ng		98
80) Butylbenzylphthalate	13.509	149	865767	83.610	ng		92
81) Benzo(a)anthracene	14.080	228	1325731	68.867	ng		98
82) 3,3'-Dichlorobenzidine	14.045	252	405455	79.889	ng		100
83) Chrysene	14.121	228	1321344	71.003	ng		96
84) Bis(2-ethylhexyl)phtha...	14.068	149	1011272	70.401	ng		100
85) Di-n-octyl phthalate	14.686	149	1662918	73.379	ng		97
88) Benzo(b)fluoranthene	15.151	252	1185393m	70.180	ng		
89) Benzo(k)fluoranthene	15.180	252	1052892	68.525	ng		98
90) Benzo(a)pyrene	15.527	252	1043157	72.526	ng		98
92) Benzo(g,h,i)perylene	17.562	276	828758	68.596	ng		97

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

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