Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080421\
Data File : BF124936.D
Acq On : 4 Aug 2021 13:46
Operator : JU/CG
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/5/2021 5:06:14 PM

Quant Time: Aug 04 14:27:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 04 14:23:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	7681	20.000	ng	# 0.00
21) Naphthalene-d8	8.122	136	27654	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	15138	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	25490	20.000	ng	0.00
76) Chrysene-d12	14.004	240	17433	20.000	ng	0.00
86) Perylene-d12	15.462	264	13983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	54118	119.295	ng	0.00
7) Phenol-d6	6.481	99	69551	122.294	ng	0.01
23) Nitrobenzene-d5	7.416	82	61977	133.389	ng	0.01
42) 2,4,6-Tribromophenol	10.675	330	16418	126.317	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	119659	116.098	ng	0.00
79) Terphenyl-d14	12.951	244	125220	123.126	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	10062	63.453	ng	# 100
3) Pyridine	3.357	79	25179	67.075	ng	94
4) n-Nitrosodimethylamine	3.328	42	18214	61.355	ng	# 88
6) Aniline	6.510	93	36021	61.629	ng	# 96
8) 2-Chlorophenol	6.628	128	29987	58.606	ng	93
9) Benzaldehyde	6.392	77	16239	53.035	ng	92
10) Phenol	6.492	94	35200	64.632	ng	84
11) bis(2-Chloroethyl)ether	6.581	93	26346	61.011	ng	96
12) 1,3-Dichlorobenzene	6.781	146	32055	57.641	ng	95
13) 1,4-Dichlorobenzene	6.857	146	32296	58.050	ng	97
14) 1,2-Dichlorobenzene	7.016	146	30647	57.013	ng	96
15) Benzyl Alcohol	6.987	79	25767	68.898	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	42490	58.462	ng	94
17) 2-Methylphenol	7.092	107	22667	60.809	ng	95
18) Hexachloroethane	7.351	117	13280	62.977	ng	92
19) n-Nitroso-di-n-propyla...	7.263	70	20665	68.047	ng	# 88
20) 3+4-Methylphenols	7.251	107	29881	60.673	ng	# 86
22) Acetophenone	7.257	105	40543	63.265	ng	# 91
24) Nitrobenzene	7.434	77	30891	67.813	ng	99
25) Isophorone	7.669	82	53404	65.002	ng	95
26) 2-Nitrophenol	7.739	139	16036	63.558	ng	# 82
27) 2,4-Dimethylphenol	7.781	122	20144	51.887	ng	# 83
28) bis(2-Chloroethoxy)met...	7.875	93	29832	62.484	ng	97
29) 2,4-Dichlorophenol	7.986	162	24104	58.624	ng	96
30) 1,2,4-Trichlorobenzene	8.063	180	27368	60.731	ng	99
31) Naphthalene	8.145	128	84295	58.410	ng	99
32) Benzoic acid	7.934	122	14769	49.149	ng	88
33) 4-Chloroaniline	8.198	127	31180	57.455	ng	96
34) Hexachlorobutadiene	8.257	225	17052	63.302	ng	94
35) Caprolactam	8.592	113	6447m	60.328	ng	
36) 4-Chloro-3-methylphenol	8.681	107	25715	65.570	ng	89
37) 2-Methylnaphthalene	8.839	142	55591	57.650	ng	95
38) 1-Methylnaphthalene	8.939	142	52264	57.213	ng	94
40) 1,2,4,5-Tetrachloroben...	9.004	216	25764	60.998	ng	97
41) Hexachlorocyclopentadiene	8.986	237	7274	29.109	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	17344	57.845	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.157	196	17639	57.294	ng		98
46)	1,1'-Biphenyl	9.304	154	65754	58.191	ng		99
47)	2-Chloronaphthalene	9.328	162	52943	59.186	ng		98
48)	2-Nitroaniline	9.428	65	16556	70.684	ng		97
49)	Acenaphthylene	9.745	152	78270	56.739	ng		99
50)	Dimethylphthalate	9.610	163	60880	58.406	ng	#	99
51)	2,6-Dinitrotoluene	9.669	165	14075	61.121	ng		87
52)	Acenaphthene	9.916	154	47667	52.125	ng		95
53)	3-Nitroaniline	9.839	138	14246	58.803	ng	#	75
54)	2,4-Dinitrophenol	9.945	184	6770	50.841	ng		87
55)	Dibenzofuran	10.086	168	75397	57.699	ng		99
56)	4-Nitrophenol	9.998	139	9948	51.998	ng	#	85
57)	2,4-Dinitrotoluene	10.075	165	18731	59.940	ng	#	100
58)	Fluorene	10.427	166	57605	57.465	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.204	232	14186	58.345	ng	#	94
60)	Diethylphthalate	10.304	149	61339	56.590	ng		99
61)	4-Chlorophenyl-phenyle...	10.422	204	27602	56.959	ng		92
62)	4-Nitroaniline	10.463	138	13936	58.135	ng		92
63)	Azobenzene	10.580	77	61491	64.125	ng		90
65)	4,6-Dinitro-2-methylph...	10.486	198	10092	61.135	ng		81
66)	n-Nitrosodiphenylamine	10.545	169	49513	59.941	ng		96
67)	4-Bromophenyl-phenylether	10.910	248	17219	63.695	ng		92
68)	Hexachlorobenzene	10.974	284	18505	65.910	ng		91
69)	Atrazine	11.069	200	14688	58.485	ng		94
70)	Pentachlorophenol	11.169	266	8456	48.435	ng		96
71)	Phenanthrene	11.392	178	83338	60.788	ng		98
72)	Anthracene	11.445	178	83964	61.262	ng		98
73)	Carbazole	11.598	167	76831	59.803	ng		100
74)	Di-n-butylphthalate	11.921	149	96455	56.367	ng		100
75)	Fluoranthene	12.580	202	84413	60.337	ng		98
77)	Benzidine	12.698	184	16538	33.642	ng	#	96
78)	Pyrene	12.810	202	85167	61.710	ng		98
80)	Butylbenzylphthalate	13.421	149	37624	56.918	ng	#	97
81)	Benzo(a)anthracene	13.992	228	67293	59.053	ng		98
82)	3,3'-Dichlorobenzidine	13.957	252	16307	51.564	ng		99
83)	Chrysene	14.033	228	64893	59.109	ng		98
84)	Bis(2-ethylhexyl)phtha...	13.974	149	52983	54.416	ng		96
85)	Di-n-octyl phthalate	14.586	149	81163	51.369	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.933	276	52428	64.944	ng		95
88)	Benzo(b)fluoranthene	15.039	252	54444m	55.301	ng		
89)	Benzo(k)fluoranthene	15.068	252	53091m	59.019	ng		
90)	Benzo(a)pyrene	15.404	252	47990	58.353	ng		99
91)	Dibenzo(a,h)anthracene	16.951	278	45668	64.620	ng	#	95
92)	Benzo(g,h,i)perylene	17.380	276	45300	67.596	ng	#	91

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

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