Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123224.D
Acq On : 19 Feb 2021 11:22
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
2/22/2021 2:09:44 PM

Quant Time: Feb 19 14:00:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 13:58:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	178028	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	733017	20.00	ng		# 0.00
39) Acenaphthene-d10	9.898	164	368967	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	677216	20.00	ng		0.00
76) Chrysene-d12	14.039	240	558426	20.00	ng		# 0.00
86) Perylene-d12	15.515	264	550590	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	136747	11.64	ng		-0.01
7) Phenol-d6	6.475	99	186314	12.01	ng		-0.02
23) Nitrobenzene-d5	7.410	82	161738	11.59	ng		-0.02
42) 2,4,6-Tribromophenol	10.686	330	30520	7.66	ng		-0.01
45) 2-Fluorobiphenyl	9.216	172	269635	10.92	ng		0.00
79) Terphenyl-d14	12.980	244	293876	10.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	24768	4.53	ng		91
3) Pyridine	3.369	79	61825	4.37	ng		96
4) n-Nitrosodimethylamine	3.281	42	30354	4.98	ng		80
6) Aniline	6.510	93	106065	5.75	ng		95
8) 2-Chlorophenol	6.639	128	72058	5.47	ng		94
9) Benzaldehyde	6.404	77	59489	6.53	ng		93
10) Phenol	6.487	94	102604	6.03	ng		94
11) bis(2-Chloroethyl)ether	6.587	93	73994	6.26	ng		95
12) 1,3-Dichlorobenzene	6.798	146	74042	5.41	ng		96
13) 1,4-Dichlorobenzene	6.875	146	75288	5.41	ng		96
14) 1,2-Dichlorobenzene	7.028	146	70106	5.40	ng		96
15) Benzyl Alcohol	6.992	79	67948	6.04	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.128	45	111776	7.32	ng		94
17) 2-Methylphenol	7.104	107	61572	5.82	ng		97
18) Hexachloroethane	7.369	117	26850	5.42	ng	#	86
19) n-Nitroso-di-n-propyla...	7.257	70	56466	6.35	ng	#	88
20) 3+4-Methylphenols	7.257	107	78114	5.82	ng	#	76
22) Acetophenone	7.257	105	99044	5.51	ng	#	89
24) Nitrobenzene	7.434	77	87355	5.91	ng		93
25) Isophorone	7.675	82	155676	6.01	ng		96
26) 2-Nitrophenol	7.751	139	30726	4.32	ng	#	82
27) 2,4-Dimethylphenol	7.786	122	55933	5.15	ng		96
28) bis(2-Chloroethoxy)met...	7.886	93	82235	5.85	ng		98
29) 2,4-Dichlorophenol	7.998	162	55187	5.15	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	58395	5.08	ng		96
31) Naphthalene	8.163	128	211648	5.36	ng		100
33) 4-Chloroaniline	8.210	127	83438	5.11	ng		97
34) Hexachlorobutadiene	8.281	225	31427	4.98	ng		98
35) Caprolactam	8.539	113	17758	4.73	ng	#	72
36) 4-Chloro-3-methylphenol	8.686	107	65958	5.27	ng		90
37) 2-Methylnaphthalene	8.851	142	137539	5.27	ng		99
38) 1-Methylnaphthalene	8.951	142	128314	5.23	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	52540	5.14	ng	#	98
41) Hexachlorocyclopentadiene	9.010	237	15902	3.40	ng		87
43) 2,4,6-Trichlorophenol	9.133	196	35625	4.63	ng		93
44) 2,4,5-Trichlorophenol	9.169	196	37433	4.47	ng	#	91

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.316	154	158801	5.33	ng		94
47)	2-Chloronaphthalene	9.339	162	122029	5.12	ng		98
48)	2-Nitroaniline	9.433	65	41739	5.23	ng	#	68
49)	Acenaphthylene	9.757	152	187890	4.90	ng		98
50)	Dimethylphthalate	9.610	163	137236	5.13	ng	#	99
51)	2,6-Dinitrotoluene	9.675	165	28731	4.47	ng	#	66
52)	Acenaphthene	9.933	154	123020m	4.93	ng		
53)	3-Nitroaniline	9.845	138	35460	4.64	ng		90
55)	Dibenzofuran	10.104	168	179078	5.31	ng		98
56)	4-Nitrophenol	10.004	139	24016	3.82	ng	#	69
57)	2,4-Dinitrotoluene	10.080	165	38456	4.43	ng		87
58)	Fluorene	10.445	166	138173	5.28	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.222	232	29073m	4.38	ng		
60)	Diethylphthalate	10.316	149	135369	4.99	ng		97
61)	4-Chlorophenyl-phenyle...	10.439	204	64382	5.52	ng		95
62)	4-Nitroaniline	10.451	138	32414	4.20	ng		85
63)	Azobenzene	10.598	77	172997	6.09	ng		94
65)	4,6-Dinitro-2-methylph...	10.492	198	14538	3.33	ng		88
66)	n-Nitrosodiphenylamine	10.557	169	118827	5.19	ng		99
67)	4-Bromophenyl-phenylether	10.933	248	33932	4.72	ng		93
68)	Hexachlorobenzene	10.998	284	35259	4.48	ng	#	85
69)	Atrazine	11.080	200	34231	5.02	ng		99
70)	Pentachlorophenol	11.198	266	17414	3.55	ng		98
71)	Phenanthrene	11.416	178	208092	5.22	ng		97
72)	Anthracene	11.463	178	203324	5.10	ng		99
73)	Carbazole	11.616	167	197004	5.18	ng		98
74)	Di-n-butylphthalate	11.951	149	209139	5.12	ng		99
75)	Fluoranthene	12.604	202	211888	5.29	ng		97
77)	Benzidine	12.727	184	109021	5.51	ng		99
78)	Pyrene	12.833	202	225083	5.45	ng		98
80)	Butylbenzylphthalate	13.457	149	87235	4.78	ng		89
81)	Benzo(a)anthracene	14.027	228	191199	5.08	ng		99
82)	3,3'-Dichlorobenzidine	13.992	252	61892	4.75	ng	#	96
83)	Chrysene	14.063	228	187778	5.06	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	127557	5.38	ng		99
85)	Di-n-octyl phthalate	14.633	149	219387	5.38	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	16.980	276	189798	5.02	ng	#	92
88)	Benzo(b)fluoranthene	15.080	252	178515	4.61	ng	#	96
89)	Benzo(k)fluoranthene	15.110	252	186226	5.24	ng		98
90)	Benzo(a)pyrene	15.445	252	167496	4.84	ng	#	94
91)	Dibenzo(a,h)anthracene	17.004	278	162695	5.07	ng	#	95
92)	Benzo(g,h,i)perylene	17.427	276	161453	5.17	ng	#	92

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

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