Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122968.D
Acq On : 15 Jan 2021 17:49
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
1/18/2021 3:37:19 PM

Quant Time: Jan 16 00:29:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 00:28:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	220943	20.00	ng		0.00
21) Naphthalene-d8	8.180	136	893297	20.00	ng		# 0.00
39) Acenaphthene-d10	9.933	164	440839	20.00	ng		0.00
64) Phenanthrene-d10	11.421	188	740435	20.00	ng		# 0.00
76) Chrysene-d12	14.068	240	594491	20.00	ng		# 0.00
86) Perylene-d12	15.545	264	575659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	155982	10.60	ng		-0.01
7) Phenol-d6	6.504	99	208710	10.45	ng		-0.02
23) Nitrobenzene-d5	7.451	82	168993	9.35	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	45602	9.16	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	346056	11.13	ng		0.00
79) Terphenyl-d14	13.010	244	350964	10.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	37240	5.42	ng	#	85
3) Pyridine	3.446	79	98576	5.27	ng	#	82
4) n-Nitrosodimethylamine	3.375	42	42843	5.48	ng		84
6) Aniline	6.551	93	119760	5.03	ng		98
8) 2-Chlorophenol	6.675	128	81824	5.16	ng		97
9) Benzaldehyde	6.439	77	66232	6.39	ng		97
10) Phenol	6.516	94	104058	5.26	ng		87
11) bis(2-Chloroethyl)ether	6.622	93	84400	5.32	ng		92
12) 1,3-Dichlorobenzene	6.834	146	96697	5.36	ng		97
13) 1,4-Dichlorobenzene	6.910	146	98059	5.41	ng		96
14) 1,2-Dichlorobenzene	7.063	146	92778	5.42	ng		98
15) Benzyl Alcohol	7.022	79	68608	4.87	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	150430	6.06	ng		92
17) 2-Methylphenol	7.133	107	67192	5.11	ng		96
18) Hexachloroethane	7.410	117	33377	4.92	ng	#	89
19) n-Nitroso-di-n-propyla...	7.292	70	59433	4.88	ng	#	83
20) 3+4-Methylphenols	7.281	107	86943	5.18	ng	#	65
22) Acetophenone	7.298	105	119217	5.05	ng	#	97
24) Nitrobenzene	7.469	77	88944	4.92	ng		94
25) Isophorone	7.710	82	151688	4.68	ng		99
26) 2-Nitrophenol	7.786	139	31034	3.89	ng		95
27) 2,4-Dimethylphenol	7.822	122	61386	4.33	ng		98
28) bis(2-Chloroethoxy)met...	7.922	93	105612	4.81	ng		98
29) 2,4-Dichlorophenol	8.028	162	62760	4.38	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	74012	4.51	ng		97
31) Naphthalene	8.198	128	244381	5.03	ng		99
33) 4-Chloroaniline	8.239	127	100904	4.79	ng		96
34) Hexachlorobutadiene	8.322	225	39540	4.13	ng		97
35) Caprolactam	8.563	113	20095	4.18	ng	#	58
36) 4-Chloro-3-methylphenol	8.710	107	67435	4.57	ng		99
37) 2-Methylnaphthalene	8.892	142	166139	4.97	ng		98
38) 1-Methylnaphthalene	8.992	142	159538	5.04	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	63298	4.50	ng	#	98
41) Hexachlorocyclopentadiene	9.051	237	24968	3.32	ng		94
43) 2,4,6-Trichlorophenol	9.163	196	40797	4.10	ng		95
44) 2,4,5-Trichlorophenol	9.198	196	42803	4.35	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.351	154	195290	5.51	ng		97
47) 2-Chloronaphthalene	9.380	162	157011	5.46	ng		96
48) 2-Nitroaniline	9.469	65	43574	5.04	ng		92
49) Acenaphthylene	9.792	152	225436	5.30	ng		97
50) Dimethylphthalate	9.645	163	179019	5.46	ng		99
51) 2,6-Dinitrotoluene	9.710	165	34679	4.94	ng		99
52) Acenaphthene	9.969	154	144943	5.18	ng		98
53) 3-Nitroaniline	9.874	138	42653	5.18	ng		99
54) 2,4-Dinitrophenol	9.980	184	6391	2.52	ng	#	62
55) Dibenzofuran	10.139	168	213399	5.39	ng		98
56) 4-Nitrophenol	10.016	139	27709	4.44	ng	#	84
57) 2,4-Dinitrotoluene	10.110	165	42020	4.68	ng		96
58) Fluorene	10.480	166	171710	5.34	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	34388	4.02	ng	#	85
60) Diethylphthalate	10.351	149	174848	5.33	ng		97
61) 4-Chlorophenyl-phenyle...	10.474	204	74983	4.81	ng		94
62) 4-Nitroaniline	10.480	138	42654	5.27	ng		91
63) Azobenzene	10.633	77	175065	5.42	ng		96
66) n-Nitrosodiphenylamine	10.586	169	143346	5.75	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	44416	4.96	ng		96
68) Hexachlorobenzene	11.033	284	52006	5.41	ng		96
69) Atrazine	11.110	200	40054	5.02	ng		94
70) Pentachlorophenol	11.221	266	20007	3.44	ng		98
71) Phenanthrene	11.445	178	244216	5.82	ng		97
72) Anthracene	11.498	178	231079	5.56	ng		96
73) Carbazole	11.651	167	227380	5.89	ng		96
74) Di-n-butylphthalate	11.986	149	255373	5.54	ng		98
75) Fluoranthene	12.633	202	236474	5.30	ng		96
77) Benzidine	12.757	184	81318	4.79	ng		99
78) Pyrene	12.868	202	244221	5.29	ng		98
80) Butylbenzylphthalate	13.486	149	84354	4.19	ng	#	95
81) Benzo(a)anthracene	14.057	228	199444	5.00	ng		96
82) 3,3'-Dichlorobenzidine	14.015	252	55827	4.21	ng	#	93
83) Chrysene	14.092	228	215389	5.60	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	131346	4.97	ng	#	98
85) Di-n-octyl phthalate	14.668	149	176882	3.95	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.027	276	154268	4.15	ng	#	93
88) Benzo(b)fluoranthene	15.109	252	188517m	4.66	ng		
89) Benzo(k)fluoranthene	15.139	252	200989	5.39	ng		99
90) Benzo(a)pyrene	15.480	252	154489	4.34	ng	#	98
91) Dibenzo(a,h)anthracene	17.045	278	123696	4.05	ng	#	93
92) Benzo(g,h,i)perylene	17.468	276	130748	4.50	ng	#	92

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

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