Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012721\
Data File : BF123039.D
Acq On : 27 Jan 2021 12:00
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
1/28/2021 11:46:54 AM

Quant Time: Jan 27 15:56:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 15:49:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	237803	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	938336	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	510158	20.00	ng		0.00
64) Phenanthrene-d10	11.428	188	927750	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	824340	20.00	ng		# 0.00
86) Perylene-d12	15.568	264	762359	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	189152	12.27	ng		0.00
7) Phenol-d6	6.504	99	258491	12.37	ng		-0.01
23) Nitrobenzene-d5	7.445	82	206119	11.06	ng		-0.02
42) 2,4,6-Tribromophenol	10.722	330	58853	10.63	ng		-0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.00	ng		
79) Terphenyl-d14	0.000	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	46055	6.00	ng		96
3) Pyridine	3.428	79	119742	5.84	ng		94
4) n-Nitrosodimethylamine	3.352	42	48454	5.61	ng	#	92
6) Aniline	6.546	93	149969	5.83	ng		98
8) 2-Chlorophenol	6.669	128	100578	6.02	ng		93
10) Phenol	6.516	94	124771	5.87	ng		86
11) bis(2-Chloroethyl)ether	6.622	93	105523	6.12	ng		99
12) 1,3-Dichlorobenzene	6.834	146	121257	6.22	ng		97
13) 1,4-Dichlorobenzene	6.910	146	123763	6.30	ng		97
14) 1,2-Dichlorobenzene	7.063	146	116040	6.35	ng		99
15) Benzyl Alcohol	7.022	79	85230	5.82	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.169	45	162326	6.10	ng		95
17) 2-Methylphenol	7.134	107	83862	5.90	ng		97
18) Hexachloroethane	7.410	117	42896	6.03	ng		93
19) n-Nitroso-di-n-propyla...	7.293	70	76921	6.12	ng		91
22) Acetophenone	7.293	105	151668	6.20	ng		99
24) Nitrobenzene	7.469	77	108123	5.63	ng		97
25) Isophorone	7.704	82	195488	5.72	ng		97
26) 2-Nitrophenol	7.787	139	32669	4.11	ng		97
27) 2,4-Dimethylphenol	7.822	122	78904m	5.59	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	137361	5.89	ng		99
29) 2,4-Dichlorophenol	8.028	162	83175	5.55	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	100598	5.96	ng		100
31) Naphthalene	8.198	128	319654	6.21	ng		98
33) 4-Chloroaniline	8.240	127	134206	5.88	ng		97
34) Hexachlorobutadiene	8.322	225	57217	5.87	ng		96
35) Caprolactam	8.569	113	27224	5.37	ng		89
36) 4-Chloro-3-methylphenol	8.716	107	87570	5.62	ng		99
37) 2-Methylnaphthalene	8.892	142	212542	6.22	ng		100
38) 1-Methylnaphthalene	8.992	142	201302	6.22	ng		97
40) 1,2,4,5-Tetrachloroben...	9.057	216	95247	6.00	ng		98
41) Hexachlorocyclopentadiene	9.045	237	37608	4.99	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	57035	5.24	ng		98
44) 2,4,5-Trichlorophenol	9.198	196	62224	5.47	ng		98
46) 1,1'-Biphenyl	9.357	154	259616	6.20	ng		97
47) 2-Chloronaphthalene	9.381	162	214344	6.12	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.469	65	51713	4.87	ng		85
49) Acenaphthylene	9.798	152	312403	6.09	ng		98
50) Dimethylphthalate	9.651	163	241469	6.03	ng		99
51) 2,6-Dinitrotoluene	9.710	165	43757	5.13	ng	#	86
52) Acenaphthene	9.969	154	200862	6.10	ng		98
53) 3-Nitroaniline	9.875	138	52211	5.18	ng	#	84
55) Dibenzofuran	10.139	168	290101	6.26	ng		98
56) 4-Nitrophenol	10.022	139	32769	4.50	ng	#	79
57) 2,4-Dinitrotoluene	10.110	165	53868	4.86	ng		91
58) Fluorene	10.486	166	233231	6.56	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.257	232	52144	5.40	ng		93
60) Diethylphthalate	10.351	149	240730	6.12	ng		98
61) 4-Chlorophenyl-phenyle...	10.481	204	110577	6.35	ng		96
62) 4-Nitroaniline	10.486	138	54547	5.38	ng		94
63) Azobenzene	10.639	77	238109	6.18	ng		99
66) n-Nitrosodiphenylamine	10.592	169	202242	6.05	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	67251	5.69	ng		95
68) Hexachlorobenzene	11.039	284	72949	5.76	ng		97
69) Atrazine	11.116	200	53278	5.77	ng		99
70) Pentachlorophenol	11.228	266	30921	4.50	ng		98
71) Phenanthrene	11.451	178	357222	6.40	ng		98
72) Anthracene	11.504	178	345334	6.25	ng		98
73) Carbazole	11.657	167	315060	6.14	ng		97
74) Di-n-butylphthalate	11.992	149	368464	6.06	ng		99
75) Fluoranthene	12.645	202	358141	6.22	ng		98
77) Benzidine	12.763	184	99272	5.32	ng		98
78) Pyrene	12.875	202	370897	5.96	ng		98
80) Butylbenzylphthalate	13.498	149	132098	4.93	ng		97
81) Benzo(a)anthracene	14.069	228	334243	5.99	ng		97
82) 3,3'-Dichlorobenzidine	14.033	252	91254	5.20	ng		99
83) Chrysene	14.104	228	336326	6.02	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	200008	5.62	ng	#	98
85) Di-n-octyl phthalate	14.680	149	299191	5.01	ng		97
87) Indeno(1,2,3-cd)pyrene	17.057	276	272811	5.37	ng		95
88) Benzo(b)fluoranthene	15.127	252	307741	5.59	ng		96
89) Benzo(k)fluoranthene	15.157	252	300844	5.88	ng		99
90) Benzo(a)pyrene	15.498	252	262366	5.43	ng	#	97
91) Dibenzo(a,h)anthracene	17.080	278	225114	5.39	ng	#	96
92) Benzo(g,h,i)perylene	17.510	276	221260	5.46	ng		95

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

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