Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
Data File : BF126017.D
Acq On : 3 Nov 2021 13:28
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 03 16:14:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 16:12:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	186750	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	651129	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	390551	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	735585	20.000	ng	0.00
76) Chrysene-d12	14.010	240	591120	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	459931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	438124	33.286	ng	0.00
7) Phenol-d6	6.475	99	603122	35.246	ng	-0.01
23) Nitrobenzene-d5	7.416	82	558497	42.018	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	174280	46.392	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1161978	52.473	ng	0.00
79) Terphenyl-d14	12.957	244	1447151	45.738	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	91185	15.445	ng	# 100
3) Pyridine	3.369	79	244865	15.133	ng	96
4) n-Nitrosodimethylamine	3.310	42	169070	20.534	ng	# 90
6) Aniline	6.510	93	335825	15.970	ng	# 87
8) 2-Chlorophenol	6.634	128	230573	17.875	ng	# 77
9) Benzaldehyde	6.398	77	209447	20.389	ng	# 86
10) Phenol	6.486	94	312058m	16.481	ng	
11) bis(2-Chloroethyl)ether	6.586	93	229230	16.617	ng	86
12) 1,3-Dichlorobenzene	6.792	146	261382	18.779	ng	# 92
13) 1,4-Dichlorobenzene	6.869	146	264205	18.997	ng	94
14) 1,2-Dichlorobenzene	7.022	146	257864	18.983	ng	94
15) Benzyl Alcohol	6.992	79	260162	20.314	ng	91
16) 2,2'-oxybis(1-Chloropr...	7.133	45	420644	15.704	ng	96
17) 2-Methylphenol	7.098	107	192531	16.932	ng	# 87
18) Hexachloroethane	7.369	117	101379	19.399	ng	# 86
19) n-Nitroso-di-n-propyla...	7.263	70	202360	19.982	ng	# 84
20) 3+4-Methylphenols	7.251	107	265077	17.564	ng	87
22) Acetophenone	7.263	105	373872	22.750	ng	# 92
24) Nitrobenzene	7.433	77	275803	20.944	ng	# 84
25) Isophorone	7.675	82	499180	20.515	ng	# 88
26) 2-Nitrophenol	7.751	139	76403	13.953	ng	# 68
27) 2,4-Dimethylphenol	7.786	122	182243m	19.579	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	292404	18.812	ng	# 96
29) 2,4-Dichlorophenol	7.986	162	206589	22.193	ng	92
30) 1,2,4-Trichlorobenzene	8.075	180	248685	23.314	ng	98
31) Naphthalene	8.157	128	681611	21.021	ng	99
32) Benzoic acid	7.880	122	65878	9.693	ng	# 74
33) 4-Chloroaniline	8.204	127	276033	19.646	ng	# 90
34) Hexachlorobutadiene	8.280	225	169435	26.275	ng	97
35) Caprolactam	8.563	113	55973m	17.220	ng	
36) 4-Chloro-3-methylphenol	8.680	107	240801	21.930	ng	86
37) 2-Methylnaphthalene	8.845	142	462396	21.693	ng	98
38) 1-Methylnaphthalene	8.945	142	448115	21.572	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	258988	23.981	ng	97
41) Hexachlorocyclopentadiene	9.004	237	132684	23.658	ng	96
43) 2,4,6-Trichlorophenol	9.122	196	160230	21.158	ng	95

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44) 2,4,5-Trichlorophenol	9.157	196	170700	21.543	ng		92
46) 1,1'-Biphenyl	9.310	154	605374	20.580	ng		97
47) 2-Chloronaphthalene	9.333	162	472590	22.274	ng		99
48) 2-Nitroaniline	9.427	65	139397	16.026	ng	#	76
49) Acenaphthylene	9.751	152	719129	22.358	ng		99
50) Dimethylphthalate	9.610	163	561087	23.062	ng		97
51) 2,6-Dinitrotoluene	9.669	165	97389	18.307	ng	#	69
52) Acenaphthene	9.922	154	444894	20.526	ng		96
53) 3-Nitroaniline	9.833	138	101471	16.321	ng	#	56
54) 2,4-Dinitrophenol	9.939	184	24815	10.579	ng	#	85
55) Dibenzofuran	10.092	168	681441	20.868	ng		98
56) 4-Nitrophenol	9.986	139	78164	15.930	ng	#	62
57) 2,4-Dinitrotoluene	10.069	165	124334	17.948	ng	#	86
58) Fluorene	10.433	166	540521	22.739	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	140405	20.918	ng	#	89
60) Diethylphthalate	10.310	149	570739	23.235	ng		98
61) 4-Chlorophenyl-phenyle...	10.427	204	285754	25.534	ng		93
62) 4-Nitroaniline	10.445	138	104592	17.724	ng		81
63) Azobenzene	10.586	77	630137	22.175	ng		89
65) 4,6-Dinitro-2-methylph...	10.474	198	47010	11.820	ng		95
66) n-Nitrosodiphenylamine	10.545	169	467214	21.074	ng		97
67) 4-Bromophenyl-phenylether	10.916	248	171989	21.411	ng		91
68) Hexachlorobenzene	10.980	284	183342	21.661	ng		95
69) Atrazine	11.069	200	167934	23.250	ng		91
70) Pentachlorophenol	11.174	266	92450	19.159	ng		92
71) Phenanthrene	11.398	178	813932	20.938	ng		98
72) Anthracene	11.445	178	797932	21.260	ng		99
73) Carbazole	11.598	167	746087	20.514	ng		99
74) Di-n-butylphthalate	11.933	149	889512	22.412	ng	#	98
75) Fluoranthene	12.580	202	914942	22.457	ng		96
77) Benzidine	12.698	184	349426	15.646	ng	#	95
78) Pyrene	12.810	202	923922	19.252	ng		97
80) Butylbenzylphthalate	13.433	149	350256	17.927	ng		90
81) Benzo(a)anthracene	13.998	228	813252	21.500	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	249101	18.031	ng	#	98
83) Chrysene	14.033	228	772982	19.759	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	488900	21.459	ng		98
85) Di-n-octyl phthalate	14.604	149	727089	18.256	ng		97
87) Indeno(1,2,3-cd)pyrene	16.915	276	476697	16.918	ng	#	85
88) Benzo(b)fluoranthene	15.045	252	602194	19.609	ng	#	93
89) Benzo(k)fluoranthene	15.074	252	580166	19.431	ng	#	96
90) Benzo(a)pyrene	15.404	252	461993	18.653	ng	#	93
91) Dibenzo(a,h)anthracene	16.939	278	395876	17.235	ng	#	90
92) Benzo(g,h,i)perylene	17.356	276	367089	15.948	ng	#	82

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

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