Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012221\
Data File : BF123029.D
Acq On : 22 Jan 2021 10:58
Operator : JU/CG
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Quant Time: Jan 22 12:52:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 12:50:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	454994	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	1802515	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	956651	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	1752644	20.00	ng		# 0.00
76) Chrysene-d12	14.080	240	1414251	20.00	ng		# 0.00
86) Perylene-d12	15.574	264	1341774	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	658438	21.87	ng		0.00
7) Phenol-d6	6.504	99	906963	22.42	ng		-0.01
23) Nitrobenzene-d5	7.451	82	702894	20.07	ng		0.00
42) 2,4,6-Tribromophenol	10.721	330	201442	18.62	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1506380	22.05	ng		0.00
79) Terphenyl-d14	13.021	244	1692527	21.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	157039	10.74	ng		97
3) Pyridine	3.422	79	418449	10.58	ng		98
4) n-Nitrosodimethylamine	3.357	42	164948	9.34	ng		97
6) Aniline	6.545	93	523427	10.73	ng		100
8) 2-Chlorophenol	6.669	128	361888	11.38	ng		96
9) Benzaldehyde	6.439	77	201898	8.52	ng		98
10) Phenol	6.516	94	437125	10.76	ng		87
11) bis(2-Chloroethyl)ether	6.622	93	356017	10.82	ng		98
12) 1,3-Dichlorobenzene	6.833	146	420282	11.42	ng		99
13) 1,4-Dichlorobenzene	6.910	146	420736	11.36	ng		100
14) 1,2-Dichlorobenzene	7.063	146	402285	11.64	ng		100
15) Benzyl Alcohol	7.022	79	316403	11.10	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	538638	9.39	ng		96
17) 2-Methylphenol	7.133	107	296443	10.99	ng		97
18) Hexachloroethane	7.410	117	148820	11.12	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	267065	11.14	ng		97
20) 3+4-Methylphenols	7.286	107	385006	11.41	ng	#	80
22) Acetophenone	7.298	105	519217	11.45	ng	#	93
24) Nitrobenzene	7.469	77	365540	10.18	ng		98
25) Isophorone	7.710	82	686903	10.99	ng		98
26) 2-Nitrophenol	7.786	139	121992	7.52	ng		96
27) 2,4-Dimethylphenol	7.822	122	290483	11.25	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	470530	11.14	ng		100
29) 2,4-Dichlorophenol	8.028	162	290645	10.78	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	339488	11.82	ng		99
31) Naphthalene	8.198	128	1109157	11.97	ng		100
32) Benzoic acid	7.892	122	115258	5.31	ng		96
33) 4-Chloroaniline	8.239	127	467129	11.56	ng		98
34) Hexachlorobutadiene	8.322	225	186756	11.90	ng		99
35) Caprolactam	8.580	113	100025	10.92	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	315652	11.01	ng		98
37) 2-Methylnaphthalene	8.892	142	755417	11.82	ng		98
38) 1-Methylnaphthalene	8.992	142	707609	11.72	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	297194	11.32	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	138055	10.82	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	198609	10.15	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	209954	10.57	ng		96
46) 1,1'-Biphenyl	9.357	154	884953	11.37	ng		98
47) 2-Chloronaphthalene	9.380	162	701413	10.81	ng		99
48) 2-Nitroaniline	9.469	65	178151	8.05	ng		91
49) Acenaphthylene	9.798	152	1089018	11.50	ng		99
50) Dimethylphthalate	9.651	163	809673	10.90	ng		100
51) 2,6-Dinitrotoluene	9.710	165	154611	9.52	ng	#	85
52) Acenaphthene	9.969	154	684203	11.18	ng		99
53) 3-Nitroaniline	9.880	138	190672	9.50	ng		96
54) 2,4-Dinitrophenol	9.980	184	33668	5.47	ng	#	1
55) Dibenzofuran	10.139	168	975377	11.43	ng		99
56) 4-Nitrophenol	10.022	139	131781	8.91	ng	#	84
57) 2,4-Dinitrotoluene	10.110	165	186487	8.93	ng		87
58) Fluorene	10.486	166	757083	11.34	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	174152	10.98	ng	#	91
60) Diethylphthalate	10.357	149	822226	11.39	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	368169	12.27	ng		98
62) 4-Nitroaniline	10.486	138	191871	9.69	ng		95
63) Azobenzene	10.639	77	802689	11.12	ng		98
65) 4,6-Dinitro-2-methylph...	10.521	198	52112	5.28	ng		94
66) n-Nitrosodiphenylamine	10.592	169	662636	10.13	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	214500	10.01	ng	#	90
68) Hexachlorobenzene	11.039	284	242015	9.88	ng		97
69) Atrazine	11.116	200	188574	10.82	ng		95
70) Pentachlorophenol	11.227	266	111596	8.66	ng		99
71) Phenanthrene	11.451	178	1166080	11.10	ng		99
72) Anthracene	11.504	178	1148308	11.06	ng		99
73) Carbazole	11.657	167	1036599	10.30	ng		99
74) Di-n-butylphthalate	11.992	149	1321305	11.10	ng		99
75) Fluoranthene	12.645	202	1153673	10.86	ng		98
77) Benzidine	12.763	184	390829	10.44	ng		99
78) Pyrene	12.874	202	1198603	10.58	ng		99
80) Butylbenzylphthalate	13.498	149	514501	10.14	ng		95
81) Benzo(a)anthracene	14.068	228	1029849	10.88	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	329271	10.63	ng		98
83) Chrysene	14.104	228	1021680	10.70	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	755102	11.16	ng	#	99
85) Di-n-octyl phthalate	14.680	149	1229283	11.23	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	978919	11.58	ng	#	92
88) Benzo(b)fluoranthene	15.133	252	954517	10.54	ng		96
89) Benzo(k)fluoranthene	15.162	252	978684	10.54	ng		98
90) Benzo(a)pyrene	15.504	252	884050	10.81	ng	#	97
91) Dibenzo(a,h)anthracene	17.092	278	816508	11.79	ng	#	95
92) Benzo(g,h,i)perylene	17.521	276	771021	11.50	ng	#	91

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

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