Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032321\
Data File : BF123400.D
Acq On : 23 Mar 2021 12:50
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Mar 23 14:08:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 14:03:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	187918	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	661207	20.00	ng	# 0.00
39) Acenaphthene-d10	9.963	164	366580	20.00	ng	0.00
64) Phenanthrene-d10	11.451	188	629446	20.00	ng	0.00
76) Chrysene-d12	14.098	240	428076	20.00	ng	0.00
86) Perylene-d12	15.603	264	359783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	484037	36.58	ng	0.00
7) Phenol-d6	6.528	99	634480	36.91	ng	0.00
23) Nitrobenzene-d5	7.475	82	511204	45.41	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	164375	64.16	ng	-0.01
45) 2-Fluorobiphenyl	9.274	172	1054869	52.38	ng	0.00
79) Terphenyl-d14	13.039	244	1114237	50.68	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	111746	18.16	ng	# 65
3) Pyridine	3.457	79	296713	18.32	ng	# 61
4) n-Nitrosodimethylamine	3.393	42	174883	24.32	ng	# 67
6) Aniline	6.569	93	370847	18.31	ng	92
8) 2-Chlorophenol	6.692	128	263879	18.48	ng	87
9) Benzaldehyde	6.463	77	161195	18.10	ng	100
10) Phenol	6.539	94	327648	18.31	ng	94
11) bis(2-Chloroethyl)ether	6.645	93	262009	19.16	ng	88
12) 1,3-Dichlorobenzene	6.857	146	287285	20.27	ng	98
13) 1,4-Dichlorobenzene	6.933	146	284508	19.23	ng	99
14) 1,2-Dichlorobenzene	7.086	146	266387	18.53	ng	98
15) Benzyl Alcohol	7.045	79	246358	22.38	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.192	45	575627	25.50	ng	86
17) 2-Methylphenol	7.151	107	216447	19.15	ng	98
18) Hexachloroethane	7.433	117	105157	20.48	ng	99
19) n-Nitroso-di-n-propyla...	7.322	70	203650	21.58	ng	# 79
20) 3+4-Methylphenols	7.304	107	276661	20.27	ng	# 68
22) Acetophenone	7.316	105	350855	22.19	ng	# 91
24) Nitrobenzene	7.492	77	282129	22.63	ng	94
25) Isophorone	7.733	82	540938	23.15	ng	99
26) 2-Nitrophenol	7.810	139	95306	14.14	ng	90
27) 2,4-Dimethylphenol	7.839	122	223542	22.92	ng	99
28) bis(2-Chloroethoxy)met...	7.939	93	296992	21.91	ng	99
29) 2,4-Dichlorophenol	8.045	162	219167	23.05	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	242525	26.24	ng	99
31) Naphthalene	8.222	128	756786	21.85	ng	98
32) Benzoic acid	7.916	122	108118	15.01	ng	98
33) 4-Chloroaniline	8.263	127	306901	21.53	ng	# 96
34) Hexachlorobutadiene	8.345	225	148237	32.75	ng	97
35) Caprolactam	8.610	113	64353	19.54	ng	# 30
36) 4-Chloro-3-methylphenol	8.733	107	232454	23.29	ng	97
37) 2-Methylnaphthalene	8.910	142	522988	22.89	ng	98
38) 1-Methylnaphthalene	9.010	142	489975	22.81	ng	97
40) 1,2,4,5-Tetrachloroben...	9.080	216	225701	26.20	ng	99
41) Hexachlorocyclopentadiene	9.069	237	120974	40.94	ng	99
43) 2,4,6-Trichlorophenol	9.186	196	156190	22.67	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	160972	21.61	ng		98
46) 1,1'-Biphenyl	9.374	154	595048	19.91	ng		98
47) 2-Chloronaphthalene	9.404	162	478572	20.19	ng		96
48) 2-Nitroaniline	9.492	65	134988	17.39	ng	#	81
49) Acenaphthylene	9.822	152	748644	20.48	ng		98
50) Dimethylphthalate	9.674	163	531063	20.50	ng		99
51) 2,6-Dinitrotoluene	9.733	165	112930	18.31	ng	#	77
52) Acenaphthene	9.992	154	454815	21.17	ng		100
53) 3-Nitroaniline	9.898	138	115337	14.90	ng	#	84
54) 2,4-Dinitrophenol	10.004	184	26642	8.63	ng	#	44
55) Dibenzofuran	10.163	168	678045	20.97	ng		98
56) 4-Nitrophenol	10.045	139	90870	17.61	ng	#	77
57) 2,4-Dinitrotoluene	10.133	165	135843	17.27	ng	#	82
58) Fluorene	10.510	166	506579	21.01	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.274	232	131338	24.96	ng		92
60) Diethylphthalate	10.380	149	518555	20.21	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	243897	24.93	ng		97
62) 4-Nitroaniline	10.510	138	103923	13.53	ng		94
63) Azobenzene	10.663	77	575622	20.97	ng		93
65) 4,6-Dinitro-2-methylph...	10.545	198	48119	10.87	ng		84
66) n-Nitrosodiphenylamine	10.616	169	447071	19.86	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	158758	26.49	ng		99
68) Hexachlorobenzene	11.057	284	170451	27.40	ng		96
69) Atrazine	11.139	200	136483	22.73	ng		98
70) Pentachlorophenol	11.245	266	101931	30.21	ng		96
71) Phenanthrene	11.474	178	749139	19.50	ng		99
72) Anthracene	11.527	178	754771	19.53	ng		99
73) Carbazole	11.674	167	691253	17.57	ng		100
74) Di-n-butylphthalate	12.015	149	813680	18.21	ng		98
75) Fluoranthene	12.668	202	779958	21.86	ng		96
77) Benzidine	12.780	184	188447	12.12	ng		97
78) Pyrene	12.898	202	794562	20.24	ng		98
80) Butylbenzylphthalate	13.521	149	285911	15.44	ng		98
81) Benzo(a)anthracene	14.086	228	589229	20.88	ng		98
82) 3,3'-Dichlorobenzidine	14.051	252	186499	19.35	ng		97
83) Chrysene	14.127	228	604335	20.74	ng		98
84) Bis(2-ethylhexyl)phtha...	14.086	149	378966	16.98	ng		99
85) Di-n-octyl phthalate	14.704	149	592709	15.62	ng	#	89
87) Indeno(1,2,3-cd)pyrene	17.115	276	457445	18.97	ng		99
88) Benzo(b)fluoranthene	15.156	252	518040	20.04	ng		100
89) Benzo(k)fluoranthene	15.186	252	475906	20.55	ng		98
90) Benzo(a)pyrene	15.539	252	441418	19.36	ng		98
91) Dibenzo(a,h)anthracene	17.145	278	391708	19.67	ng		97
92) Benzo(g,h,i)perylene	17.580	276	389421	18.39	ng		96

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

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