Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123455.D
Acq On : 25 Mar 2021 11:22
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 25 12:43:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 12:42:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	209921	20.00	ng		0.00
21) Naphthalene-d8	8.187	136	736092	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	402961	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	702928	20.00	ng		0.00
76) Chrysene-d12	14.080	240	478807	20.00	ng		0.00
86) Perylene-d12	15.574	264	379571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1006015	78.40	ng		0.00
7) Phenol-d6	6.528	99	1327989	77.74	ng		0.00
23) Nitrobenzene-d5	7.463	82	1077001	78.97	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	362666	80.50	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	1971309	69.89	ng		0.00
79) Terphenyl-d14	13.022	244	2170752	76.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	243459	39.45	ng	#	67
3) Pyridine	3.446	79	647604	39.90	ng	#	60
4) n-Nitrosodimethylamine	3.399	42	365896	37.68	ng	#	68
6) Aniline	6.563	93	826072	39.52	ng		92
8) 2-Chlorophenol	6.687	128	547899	38.72	ng		89
9) Benzaldehyde	6.451	77	320920	39.79	ng		98
10) Phenol	6.540	94	738205	42.10	ng		95
11) bis(2-Chloroethyl)ether	6.634	93	534860	38.26	ng	#	83
12) 1,3-Dichlorobenzene	6.845	146	591637	38.75	ng		98
13) 1,4-Dichlorobenzene	6.916	146	599018	39.23	ng		95
14) 1,2-Dichlorobenzene	7.075	146	554229	39.07	ng		98
15) Benzyl Alcohol	7.040	79	512647	38.33	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1125138	35.86	ng		87
17) 2-Methylphenol	7.151	107	444055	38.17	ng		99
18) Hexachloroethane	7.416	117	218181	38.14	ng		96
19) n-Nitroso-di-n-propyla...	7.316	70	399912	36.20	ng	#	79
20) 3+4-Methylphenols	7.304	107	554067	38.23	ng		89
22) Acetophenone	7.310	105	698045	37.78	ng	#	90
24) Nitrobenzene	7.481	77	595928	39.52	ng		91
25) Isophorone	7.722	82	1092954	37.27	ng		97
26) 2-Nitrophenol	7.798	139	239361	44.41	ng		91
27) 2,4-Dimethylphenol	7.834	122	446824	37.28	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	589495	37.30	ng		99
29) 2,4-Dichlorophenol	8.039	162	461566	39.23	ng		96
30) 1,2,4-Trichlorobenzene	8.128	180	503264	39.21	ng		98
31) Naphthalene	8.210	128	1523949	38.51	ng		100
32) Benzoic acid	7.945	122	303247	42.88	ng		99
33) 4-Chloroaniline	8.251	127	635285	39.13	ng	#	92
34) Hexachlorobutadiene	8.328	225	294707	37.64	ng		96
35) Caprolactam	8.622	113	144183	40.76	ng	#	32
36) 4-Chloro-3-methylphenol	8.734	107	483479	39.16	ng		100
37) 2-Methylnaphthalene	8.898	142	1017579	37.51	ng		99
38) 1-Methylnaphthalene	8.998	142	984724	38.66	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	452701	37.76	ng		100
41) Hexachlorocyclopentadiene	9.057	237	252358	37.69	ng		97
43) 2,4,6-Trichlorophenol	9.175	196	324505	38.65	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	351506	39.84	ng		96
46) 1,1'-Biphenyl	9.363	154	1154121	37.17	ng		98
47) 2-Chloronaphthalene	9.392	162	952335	37.59	ng		97
48) 2-Nitroaniline	9.481	65	319016	41.50	ng	#	70
49) Acenaphthylene	9.810	152	1480090	37.35	ng		98
50) Dimethylphthalate	9.663	163	1048124	36.62	ng		99
51) 2,6-Dinitrotoluene	9.722	165	234179	39.17	ng	#	69
52) Acenaphthene	9.981	154	943871	38.16	ng		99
53) 3-Nitroaniline	9.892	138	254820	40.36	ng	#	82
54) 2,4-Dinitrophenol	9.992	184	102256	40.70	ng	#	72
55) Dibenzofuran	10.151	168	1331855	37.45	ng		100
56) 4-Nitrophenol	10.045	139	211952	41.62	ng	#	70
57) 2,4-Dinitrotoluene	10.128	165	303854	40.72	ng		92
58) Fluorene	10.498	166	987239	36.77	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	289162	40.15	ng		95
60) Diethylphthalate	10.369	149	1021957	36.58	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	474140	36.14	ng		97
62) 4-Nitroaniline	10.510	138	249947	41.77	ng		97
63) Azobenzene	10.645	77	1107418	36.02	ng		91
65) 4,6-Dinitro-2-methylph...	10.533	198	151950	41.02	ng	#	65
66) n-Nitrosodiphenylamine	10.604	169	905419	38.44	ng		98
67) 4-Bromophenyl-phenylether	10.980	248	321624	38.63	ng		94
68) Hexachlorobenzene	11.045	284	349893	38.14	ng		99
69) Atrazine	11.133	200	293892	39.26	ng		98
70) Pentachlorophenol	11.233	266	221941	40.54	ng		98
71) Phenanthrene	11.463	178	1506619	38.77	ng		99
72) Anthracene	11.510	178	1497160	38.30	ng		100
73) Carbazole	11.663	167	1447317	39.19	ng		99
74) Di-n-butylphthalate	11.998	149	1514936	36.04	ng		99
75) Fluoranthene	12.651	202	1631015	38.77	ng		98
77) Benzidine	12.769	184	648273	45.45	ng		99
78) Pyrene	12.880	202	1664693	40.30	ng		100
80) Butylbenzylphthalate	13.498	149	615763	40.20	ng		92
81) Benzo(a)anthracene	14.074	228	1273748	40.64	ng		97
82) 3,3'-Dichlorobenzidine	14.033	252	407094	39.94	ng		99
83) Chrysene	14.110	228	1245313	38.49	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	739803	36.68	ng		99
85) Di-n-octyl phthalate	14.680	149	1125857	35.32	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.086	276	979511	41.53	ng		99
88) Benzo(b)fluoranthene	15.139	252	1014094	38.73	ng		97
89) Benzo(k)fluoranthene	15.168	252	978573	39.53	ng		98
90) Benzo(a)pyrene	15.515	252	896568	39.66	ng		98
91) Dibenzo(a,h)anthracene	17.104	278	802075	40.05	ng		99
92) Benzo(g,h,i)perylene	17.545	276	842546	42.03	ng		98

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

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