Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022421\
Data File : BF123291.D
Acq On : 24 Feb 2021 13:10
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 24 13:55:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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2/25/2021 1:10:56 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	126327	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	492929	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	254555	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	464765	20.00	ng		0.00
76) Chrysene-d12	14.045	240	357975	20.00	ng		0.00
86) Perylene-d12	15.509	264	301017	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	690157	78.64	ng		0.00
7) Phenol-d6	6.498	99	938714	78.73	ng		0.00
23) Nitrobenzene-d5	7.428	82	870007	80.79	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	207115	79.91	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1373887	77.53	ng		0.00
79) Terphenyl-d14	12.980	244	1545564	83.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.599	88	203544	40.19	ng		93
3) Pyridine	3.351	79	423336	34.30	ng		93
4) n-Nitrosodimethylamine	3.310	42	201424	35.30	ng		83
6) Aniline	6.522	93	545930	38.76	ng		93
8) 2-Chlorophenol	6.645	128	373244	39.58	ng		92
9) Benzaldehyde	6.410	77	268981	45.40	ng		92
10) Phenol	6.510	94	516116	39.72	ng		93
11) bis(2-Chloroethyl)ether	6.592	93	365624	39.23	ng		94
12) 1,3-Dichlorobenzene	6.798	146	389101m	39.67	ng		
13) 1,4-Dichlorobenzene	6.875	146	400372m	40.06	ng		
14) 1,2-Dichlorobenzene	7.034	146	375403	40.37	ng		97
15) Benzyl Alcohol	7.004	79	380129	40.89	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	486043	38.02	ng		98
17) 2-Methylphenol	7.116	107	314049	39.60	ng		95
18) Hexachloroethane	7.369	117	151899	42.07	ng		90
19) n-Nitroso-di-n-propyla...	7.275	70	294502	41.52	ng		95
20) 3+4-Methylphenols	7.269	107	392350	37.67	ng		90
22) Acetophenone	7.269	105	509556	39.85	ng	#	89
24) Nitrobenzene	7.445	77	460532	40.56	ng		92
25) Isophorone	7.681	82	797584	39.61	ng		96
26) 2-Nitrophenol	7.757	139	194154	40.82	ng	#	82
27) 2,4-Dimethylphenol	7.798	122	285045	38.72	ng		92
28) bis(2-Chloroethoxy)met...	7.892	93	418735	39.73	ng		99
29) 2,4-Dichlorophenol	8.004	162	303402	39.91	ng		95
30) 1,2,4-Trichlorobenzene	8.086	180	330001	39.93	ng		97
31) Naphthalene	8.163	128	1067392	39.51	ng		99
32) Benzoic acid	7.928	122	186573m	34.36	ng		
33) 4-Chloroaniline	8.216	127	437715	39.82	ng	#	95
34) Hexachlorobutadiene	8.281	225	188289	40.39	ng		98
35) Caprolactam	8.592	113	101134m	39.65	ng		
36) 4-Chloro-3-methylphenol	8.698	107	370062	40.95	ng		91
37) 2-Methylnaphthalene	8.857	142	701386	38.98	ng		97
38) 1-Methylnaphthalene	8.957	142	664415	39.48	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	302623	39.78	ng		98
41) Hexachlorocyclopentadiene	9.010	237	135915	38.14	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	212044	39.31	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	224631	38.91	ng		95
46) 1,1'-Biphenyl	9.322	154	826780	39.15	ng		99
47) 2-Chloronaphthalene	9.345	162	650881	39.06	ng		96
48) 2-Nitroaniline	9.445	65	245073	41.05	ng	#	80
49) Acenaphthylene	9.763	152	981994	38.86	ng		99
50) Dimethylphthalate	9.627	163	753013	39.56	ng		99
51) 2,6-Dinitrotoluene	9.686	165	176613	40.26	ng	#	76
52) Acenaphthene	9.939	154	688820m	39.53	ng		
53) 3-Nitroaniline	9.857	138	190995	39.22	ng	#	79
54) 2,4-Dinitrophenol	9.963	184	87269	37.87	ng		84
55) Dibenzofuran	10.110	168	912115	38.66	ng		97
56) 4-Nitrophenol	10.016	139	145269	37.44	ng	#	64
57) 2,4-Dinitrotoluene	10.092	165	238494	40.43	ng		94
58) Fluorene	10.451	166	721325	38.85	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	182978	39.73	ng	#	83
60) Diethylphthalate	10.322	149	734188	38.95	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	348335	39.41	ng		99
62) 4-Nitroaniline	10.474	138	193433	39.46	ng		85
63) Azobenzene	10.604	77	838782	38.62	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	133514	42.68	ng		97
66) n-Nitrosodiphenylamine	10.563	169	634550	39.48	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	206121	40.68	ng		93
68) Hexachlorobenzene	11.004	284	213401	39.98	ng		97
69) Atrazine	11.092	200	200429	39.46	ng		97
70) Pentachlorophenol	11.198	266	135944	40.34	ng		99
71) Phenanthrene	11.416	178	1073371	39.05	ng		99
72) Anthracene	11.469	178	1079718	39.37	ng		99
73) Carbazole	11.621	167	1013815	39.26	ng		99
74) Di-n-butylphthalate	11.951	149	1126781	39.02	ng		99
75) Fluoranthene	12.610	202	1131771	38.85	ng		98
77) Benzidine	12.727	184	406083	35.12	ng		99
78) Pyrene	12.839	202	1143655	40.92	ng		99
80) Butylbenzylphthalate	13.457	149	479094	40.55	ng		91
81) Benzo(a)anthracene	14.033	228	972654	39.98	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	319269	39.48	ng	#	99
83) Chrysene	14.068	228	956453	40.03	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	628193	38.62	ng		99
85) Di-n-octyl phthalate	14.633	149	1024325	36.86	ng		97
87) Indeno(1,2,3-cd)pyrene	16.992	276	739858	35.56	ng		98
88) Benzo(b)fluoranthene	15.086	252	878336	41.55	ng		99
89) Benzo(k)fluoranthene	15.115	252	856369	44.68	ng		99
90) Benzo(a)pyrene	15.451	252	763363	40.49	ng		98
91) Dibenzo(a,h)anthracene	17.009	278	631315	35.37	ng		99
92) Benzo(g,h,i)perylene	17.439	276	589414	35.86	ng		99

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

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