Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123227.D
Acq On : 19 Feb 2021 12:59
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Feb 19 14:02:32 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 13:58:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	134191	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	518563	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	261035	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	483546	20.00	ng		0.00
76) Chrysene-d12	14.045	240	401700	20.00	ng		0.00
86) Perylene-d12	15.515	264	384814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	723806	81.76	ng		0.00
7) Phenol-d6	6.492	99	982056	84.00	ng		0.00
23) Nitrobenzene-d5	7.428	82	888617	90.04	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	216719	76.88	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1412937	80.89	ng		0.00
79) Terphenyl-d14	12.986	244	1624608	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.610	88	220590	53.48	ng		89
3) Pyridine	3.363	79	597200	56.03	ng		93
4) n-Nitrosodimethylamine	3.316	42	266221	57.94	ng		91
6) Aniline	6.522	93	580786	41.75	ng		93
8) 2-Chlorophenol	6.645	128	393181	39.61	ng		94
9) Benzaldehyde	6.410	77	264742	38.58	ng		94
10) Phenol	6.504	94	533326	41.55	ng		98
11) bis(2-Chloroethyl)ether	6.598	93	376897	42.29	ng		97
12) 1,3-Dichlorobenzene	6.804	146	410823	39.80	ng	#	97
13) 1,4-Dichlorobenzene	6.875	146	419148	39.96	ng		93
14) 1,2-Dichlorobenzene	7.034	146	387885	39.67	ng		97
15) Benzyl Alcohol	7.004	79	392632	46.29	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	503942	43.79	ng		99
17) 2-Methylphenol	7.110	107	325789	40.89	ng		95
18) Hexachloroethane	7.375	117	154382	41.33	ng		99
19) n-Nitroso-di-n-propyla...	7.275	70	297802	44.44	ng		94
20) 3+4-Methylphenols	7.263	107	413342	40.85	ng	#	89
22) Acetophenone	7.269	105	521399	41.03	ng	#	91
24) Nitrobenzene	7.445	77	463726	44.33	ng		94
25) Isophorone	7.686	82	817497	44.61	ng		97
26) 2-Nitrophenol	7.757	139	202689	40.24	ng	#	86
27) 2,4-Dimethylphenol	7.792	122	302285	39.38	ng		92
28) bis(2-Chloroethoxy)met...	7.892	93	426695	42.91	ng		99
29) 2,4-Dichlorophenol	7.998	162	312339	41.22	ng		92
30) 1,2,4-Trichlorobenzene	8.086	180	342946	42.16	ng		99
31) Naphthalene	8.169	128	1108541	39.71	ng		99
32) Benzoic acid	7.922	122	238240	39.83	ng		87
33) 4-Chloroaniline	8.216	127	448137	38.79	ng		95
34) Hexachlorobutadiene	8.286	225	193813	43.39	ng		98
35) Caprolactam	8.592	113	103211	38.86	ng		97
36) 4-Chloro-3-methylphenol	8.692	107	370350	41.86	ng		89
37) 2-Methylnaphthalene	8.857	142	736061	39.85	ng		100
38) 1-Methylnaphthalene	8.957	142	687031	39.57	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	309635	42.83	ng		98
41) Hexachlorocyclopentadiene	9.016	237	160649	48.57	ng		100
43) 2,4,6-Trichlorophenol	9.133	196	223848	41.09	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	235631	39.76	ng	#	91
46) 1,1'-Biphenyl	9.322	154	848137	40.25	ng		99
47) 2-Chloronaphthalene	9.351	162	671083	39.82	ng		100
48) 2-Nitroaniline	9.445	65	246739	43.67	ng		84
49) Acenaphthylene	9.763	152	1015923	37.47	ng		99
50) Dimethylphthalate	9.627	163	755630	39.94	ng		100
51) 2,6-Dinitrotoluene	9.686	165	181442	39.87	ng	#	79
52) Acenaphthene	9.939	154	707724	40.13	ng		97
53) 3-Nitroaniline	9.857	138	200560	37.08	ng		84
54) 2,4-Dinitrophenol	9.963	184	98581	40.85	ng		93
55) Dibenzofuran	10.110	168	941266	39.46	ng		96
56) 4-Nitrophenol	10.016	139	167173	37.60	ng		82
57) 2,4-Dinitrotoluene	10.092	165	244820	39.83	ng		92
58) Fluorene	10.457	166	745492	40.28	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	193627	41.28	ng	#	87
60) Diethylphthalate	10.327	149	758862	39.53	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	354215	42.96	ng		96
62) 4-Nitroaniline	10.474	138	201460	36.93	ng		92
63) Azobenzene	10.604	77	857363	42.69	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	143394	46.03	ng		94
66) n-Nitrosodiphenylamine	10.563	169	659872	40.38	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	208788	40.65	ng		98
68) Hexachlorobenzene	11.004	284	223721	39.80	ng	#	91
69) Atrazine	11.092	200	209784	43.06	ng		95
70) Pentachlorophenol	11.198	266	148982	42.52	ng		99
71) Phenanthrene	11.421	178	1123804	39.45	ng		98
72) Anthracene	11.474	178	1122220	39.41	ng		99
73) Carbazole	11.627	167	1052206	38.78	ng		100
74) Di-n-butylphthalate	11.957	149	1169072	40.07	ng		99
75) Fluoranthene	12.610	202	1207132	42.17	ng		100
77) Benzidine	12.733	184	478562	33.63	ng		99
78) Pyrene	12.845	202	1222793	41.17	ng		99
80) Butylbenzylphthalate	13.463	149	520045	39.60	ng		99
81) Benzo(a)anthracene	14.033	228	1072306	39.63	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	357164	38.09	ng		98
83) Chrysene	14.074	228	1053713	39.51	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	694620	40.75	ng		99
85) Di-n-octyl phthalate	14.639	149	1199019	40.89	ng		97
87) Indeno(1,2,3-cd)pyrene	17.003	276	1055035	39.91	ng		97
88) Benzo(b)fluoranthene	15.092	252	1072489	39.67	ng		99
89) Benzo(k)fluoranthene	15.121	252	1013870	40.81	ng		100
90) Benzo(a)pyrene	15.462	252	965447	39.94	ng		100
91) Dibenzo(a,h)anthracene	17.027	278	900543	40.16	ng		99
92) Benzo(g,h,i)perylene	17.456	276	863601	39.58	ng		98

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

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