Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
Data File : BF118275.D
Acq On : 19 Dec 2019 13:05
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 20 02:10:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 17:34:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	175965	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	665420	20.00	ng		0.00
39) Acenaphthene-d10	9.91	164	354239	20.00	ng		-0.01
64) Phenanthrene-d10	11.40	188	657838	20.00	ng		0.00
76) Chrysene-d12	14.06	240	395909	20.00	ng		-0.01
87) Perylene-d12	15.54	264	330932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	792636	78.89	ng		0.00
7) Phenol-d6	6.50	99	952024	78.34	ng		0.00
23) Nitrobenzene-d5	7.43	82	896911	75.83	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	326280	75.82	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	1798252	77.24	ng		0.00
79) Terphenyl-d14	13.00	244	1953528	84.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	160592	37.909	ng		99
3) Pyridine	3.35	79	414679	37.942	ng		99
4) n-Nitrosodimethylamine	3.32	42	179202	38.114	ng		95
6) Aniline	6.53	93	597480	38.437	ng		100
8) 2-Chlorophenol	6.65	128	440846	38.915	ng		99
9) Benzaldehyde	6.41	77	239974	37.207	ng		98
10) Phenol	6.52	94	531258	38.335	ng		86
11) bis(2-Chloroethyl)ether	6.60	93	379707	37.884	ng		97
12) 1,3-Dichlorobenzene	6.80	146	511329	38.638	ng		98
13) 1,4-Dichlorobenzene	6.88	146	520563	39.064	ng		97
14) 1,2-Dichlorobenzene	7.03	146	483616	38.645	ng		96
15) Benzyl Alcohol	7.01	79	363996	38.373	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	453772	37.654	ng		94
17) 2-Methylphenol	7.12	107	348828	38.715	ng		99
18) Hexachloroethane	7.37	117	190115	38.718	ng		95
19) n-Nitroso-di-n-propylamine	7.28	70	286484	38.797	ng		97
20) 3+4-Methylphenols	7.27	107	440748	38.944	ng		88
22) Acetophenone	7.28	105	613183	38.356	ng	#	95
24) Nitrobenzene	7.45	77	439694	37.836	ng		98
25) Isophorone	7.69	82	764778	38.142	ng		100
26) 2-Nitrophenol	7.77	139	241507	38.882	ng		98
27) 2,4-Dimethylphenol	7.80	122	315860	38.124	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	509266	38.869	ng		99
29) 2,4-Dichlorophenol	8.01	162	373885	38.710	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	431476	38.226	ng		98
31) Naphthalene	8.17	128	1285652	38.471	ng		99
32) Benzoic acid	7.96	122	271023	36.230	ng		98
33) 4-Chloroaniline	8.22	127	550534	38.152	ng		98
34) Hexachlorobutadiene	8.29	225	259764	38.378	ng		97
35) Caprolactam	8.61	113	115174	38.667	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	389303	38.301	ng		99
37) 2-Methylnaphthalene	8.87	142	877370	38.779	ng		99
38) 1-Methylnaphthalene	8.97	142	819223	38.564	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	410299	38.234	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	187042	38.902	ng		98
43) 2,4,6-Trichlorophenol	9.15	196	271503	37.893	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	279688	37.677	ng		96
46) 1,1'-Biphenyl	9.33	154	1081738	38.719	ng		99
47) 2-Chloronaphthalene	9.36	162	862346	38.371	ng		96
48) 2-Nitroaniline	9.46	65	247714	38.651	ng		100
49) Acenaphthylene	9.77	152	1271838	38.369	ng		100
50) Dimethylphthalate	9.63	163	1011720	38.666	ng		98
51) 2,6-Dinitrotoluene	9.70	165	219599	38.597	ng		94
52) Acenaphthene	9.95	154	768061	37.962	ng		98
53) 3-Nitroaniline	9.87	138	247438	36.955	ng		99
54) 2,4-Dinitrophenol	9.99	184	119569	42.241	ng	#	88
55) Dibenzofuran	10.12	168	1126475	37.998	ng		98
56) 4-Nitrophenol	10.04	139	156678	33.718	ng		97
57) 2,4-Dinitrotoluene	10.11	165	290511	38.255	ng		97
58) Fluorene	10.46	166	908694	38.571	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.24	232	234770	38.334	ng		98
60) Diethylphthalate	10.33	149	996985	38.673	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	455115	38.394	ng		96
62) 4-Nitroaniline	10.49	138	265733	38.052	ng		98
63) Azobenzene	10.62	77	849336	38.593	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	138368	38.087	ng		99
66) n-Nitrosodiphenylamine	10.57	169	798125	38.851	ng		100
67) 4-Bromophenyl-phenylether	10.95	248	289528	38.556	ng		93
68) Hexachlorobenzene	11.02	284	340306	38.502	ng		98
69) Atrazine	11.10	200	237115	42.432	ng		98
70) Pentachlorophenol	11.21	266	143028	34.410	ng		97
71) Phenanthrene	11.43	178	1334606	38.164	ng		100
72) Anthracene	11.49	178	1340207	38.418	ng		99
73) Carbazole	11.64	167	1182092	37.767	ng		99
74) Di-n-butylphthalate	11.96	149	1519937	38.802	ng		99
75) Fluoranthene	12.63	202	1312683	36.715	ng		99
77) Benzidine	12.75	184	361156	34.652	ng		98
78) Pyrene	12.86	202	1316824	42.207	ng		99
80) Butylbenzylphthalate	13.47	149	580627	41.093	ng		96
81) Benzo(a)anthracene	14.05	228	1034090	37.774	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	342342	38.077	ng		99
83) Chrysene	14.09	228	999704	38.229	ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	740769	39.759	ng	#	97
85) Di-n-octyl phthalate	14.64	149	1046943	37.095	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	873471	39.698	ng		99
88) Benzo(b)fluoranthene	15.11	252	798307	36.474	ng		98
89) Benzo(k)fluoranthene	15.14	252	832002	39.570	ng	#	97
90) Benzo(a)pyrene	15.49	252	733116	37.926	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	713217	43.018	ng		99
92) Benzo(g,h,i)perylene	17.52	276	710526	44.597	ng		97

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

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