Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073019\
Data File : BF115852.D
Acq On : 30 Jul 2019 19:55
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 31 04:41:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 04:26:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142476	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	571734	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301706	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	513487	20.00	ng	0.00
76) Chrysene-d12	14.02	240	384249	20.00	ng	0.00
87) Perylene-d12	15.49	264	344311	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	692600	81.38	ng	0.00
7) Phenol-d6	6.49	99	867901	80.83	ng	0.00
23) Nitrobenzene-d5	7.42	82	796675	80.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	229443	78.44	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1323636	82.17	ng	0.00
79) Terphenyl-d14	12.96	244	1418100	77.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.61	88	171843	39.968	ng	100
3) Pyridine	3.36	79	471396	39.249	ng	99
4) n-Nitrosodimethylamine	3.31	42	191634	40.431	ng	98
6) Aniline	6.52	93	623715	40.559	ng	99
8) 2-Chlorophenol	6.64	128	378546	40.223	ng	100
9) Benzaldehyde	6.40	77	300168	40.514	ng	100
10) Phenol	6.50	94	516624	40.856	ng	100
11) bis(2-Chloroethyl)ether	6.59	93	372591	40.078	ng	99
12) 1,3-Dichlorobenzene	6.80	146	438182	40.287	ng	99
13) 1,4-Dichlorobenzene	6.87	146	438625	40.277	ng	99
14) 1,2-Dichlorobenzene	7.03	146	411130	41.000	ng	100
15) Benzyl Alcohol	6.99	79	335344	41.152	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	506734	39.961	ng	99
17) 2-Methylphenol	7.10	107	317367	39.825	ng	100
18) Hexachloroethane	7.37	117	160207	39.956	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	264699	39.780	ng	99
20) 3+4-Methylphenols	7.26	107	386133	40.946	ng	97
22) Acetophenone	7.26	105	508329	40.540	ng	98
24) Nitrobenzene	7.43	77	435815	40.750	ng	99
25) Isophorone	7.67	82	744796	39.325	ng	100
26) 2-Nitrophenol	7.75	139	203514	40.369	ng	98
27) 2,4-Dimethylphenol	7.79	122	306250	40.378	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	467436	39.819	ng	99
29) 2,4-Dichlorophenol	7.99	162	322844	40.313	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	370794	40.618	ng	100
31) Naphthalene	8.16	128	1100501	40.904	ng	100
32) Benzoic acid	7.92	122	183307	34.280	ng	100
33) 4-Chloroaniline	8.20	127	487849	40.582	ng	99
34) Hexachlorobutadiene	8.27	225	210626	40.057	ng	99
35) Caprolactam	8.58	113	103091	39.802	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	331942	39.843	ng	99
37) 2-Methylnaphthalene	8.85	142	720498	40.662	ng	99
38) 1-Methylnaphthalene	8.95	142	681953	40.682	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	325468	40.352	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	127003	40.283	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	222665	40.107	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	227513	39.644	ng		100
46) 1,1'-Biphenyl	9.32	154	861777	40.458	ng		100
47) 2-Chloronaphthalene	9.34	162	709186	40.003	ng		97
48) 2-Nitroaniline	9.43	65	235044	40.111	ng		89
49) Acenaphthylene	9.76	152	1047312	40.493	ng		99
50) Dimethylphthalate	9.62	163	799145	38.902	ng		100
51) 2,6-Dinitrotoluene	9.68	165	176291	39.489	ng		99
52) Acenaphthene	9.93	154	652034	41.094	ng		99
53) 3-Nitroaniline	9.85	138	220485	39.970	ng		88
54) 2,4-Dinitrophenol	9.96	184	72697	38.348	ng		98
55) Dibenzofuran	10.10	168	944536	40.934	ng		100
56) 4-Nitrophenol	10.01	139	140795	39.844	ng		97
57) 2,4-Dinitrotoluene	10.09	165	237888	40.022	ng		98
58) Fluorene	10.45	166	711615	40.084	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	193176	40.010	ng		98
60) Diethylphthalate	10.32	149	750827	39.148	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	363215	40.397	ng		99
62) 4-Nitroaniline	10.46	138	222480	39.027	ng		97
63) Azobenzene	10.59	77	782499	39.666	ng		100
65) 4,6-Dinitro-2-methylphenol	10.50	198	108040	39.704	ng		99
66) n-Nitrosodiphenylamine	10.55	169	635757	41.135	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	223081	40.583	ng		97
68) Hexachlorobenzene	11.00	284	254146	39.984	ng		99
69) Atrazine	11.08	200	200479	39.429	ng		98
70) Pentachlorophenol	11.19	266	122725	39.769	ng		100
71) Phenanthrene	11.40	178	1070069	40.764	ng		99
72) Anthracene	11.46	178	1091147	41.072	ng		99
73) Carbazole	11.61	167	1005887	41.734	ng		99
74) Di-n-butylphthalate	11.94	149	1108045	39.409	ng		100
75) Fluoranthene	12.60	202	1128814	41.075	ng		99
77) Benzidine	12.71	184	558156	42.996	ng		99
78) Pyrene	12.83	202	1149248	39.677	ng		100
80) Butylbenzylphthalate	13.44	149	465997	38.033	ng		100
81) Benzo(a)anthracene	14.02	228	994175	40.480	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	342508	40.141	ng	#	99
83) Chrysene	14.05	228	943488	39.570	ng		100
84) Bis(2-ethylhexyl)phthalate	14.00	149	601570	37.782	ng		99
85) Di-n-octyl phthalate	14.60	149	949648	37.551	ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	722270	36.066	ng		100
88) Benzo(b)fluoranthene	15.06	252	795436	39.955	ng		98
89) Benzo(k)fluoranthene	15.09	252	794860	40.991	ng		98
90) Benzo(a)pyrene	15.43	252	708328	39.801	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	590700	38.345	ng		99
92) Benzo(g,h,i)perylene	17.40	276	572151	37.818	ng		98

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

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