Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072219\
Data File : BF115700.D
Acq On : 22 Jul 2019 10:33
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 23 01:12:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	164096	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	700194	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	356612	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	683281	20.00	ng		0.00
76) Chrysene-d12	14.04	240	460382	20.00	ng		0.00
87) Perylene-d12	15.52	264	408483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	796211	79.37	ng		0.00
7) Phenol-d6	6.51	99	1009927	79.34	ng		0.00
23) Nitrobenzene-d5	7.45	82	925401	76.85	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	312504	75.08	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1609862	79.01	ng		-0.01
79) Terphenyl-d14	12.99	244	1815007	72.74	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	191913	38.350	ng		98
3) Pyridine	3.42	79	524326	38.619	ng		98
4) n-Nitrosodimethylamine	3.36	42	192602	39.104	ng		91
6) Aniline	6.55	93	698125	39.409	ng		98
8) 2-Chlorophenol	6.67	128	455724	39.511	ng		98
9) Benzaldehyde	6.43	77	312541	39.290	ng		100
10) Phenol	6.53	94	594299	40.217	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	442344	39.317	ng		99
12) 1,3-Dichlorobenzene	6.82	146	506036	39.022	ng		98
13) 1,4-Dichlorobenzene	6.90	146	505545	39.072	ng		98
14) 1,2-Dichlorobenzene	7.05	146	472838	39.977	ng		98
15) Benzyl Alcohol	7.02	79	382728	37.901	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	606503	40.947	ng		99
17) 2-Methylphenol	7.13	107	389995	39.235	ng		98
18) Hexachloroethane	7.40	117	188000	39.146	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	320667	38.625	ng		96
20) 3+4-Methylphenols	7.29	107	457706	38.766	ng	#	88
22) Acetophenone	7.29	105	604114	38.191	ng	#	99
24) Nitrobenzene	7.46	77	509218	39.206	ng		97
25) Isophorone	7.70	82	909514	37.746	ng		99
26) 2-Nitrophenol	7.78	139	256245	38.330	ng		94
27) 2,4-Dimethylphenol	7.82	122	364871	36.477	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	576729	39.015	ng		99
29) 2,4-Dichlorophenol	8.02	162	402010	38.644	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	446486	37.970	ng		99
31) Naphthalene	8.19	128	1314974	38.778	ng		97
32) Benzoic acid	7.94	122	277486	33.803	ng		98
33) 4-Chloroaniline	8.23	127	583688	38.859	ng		98
34) Hexachlorobutadiene	8.30	225	260338	38.607	ng		100
35) Caprolactam	8.60	113	125546	39.055	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	417067	38.650	ng		95
37) 2-Methylnaphthalene	8.87	142	870167	38.712	ng		98
38) 1-Methylnaphthalene	8.97	142	839710	39.329	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	402767	37.506	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	246888	40.303	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	277856	35.381	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	299526	37.243	ng		99
46) 1,1'-Biphenyl	9.34	154	1063779	38.156	ng		98
47) 2-Chloronaphthalene	9.37	162	879142	37.871	ng		96
48) 2-Nitroaniline	9.46	65	279548	38.907	ng		98
49) Acenaphthylene	9.78	152	1324062	38.493	ng		98
50) Dimethylphthalate	9.64	163	1029055	38.354	ng		99
51) 2,6-Dinitrotoluene	9.70	165	230003	37.722	ng		94
52) Acenaphthene	9.96	154	855508	38.523	ng		99
53) 3-Nitroaniline	9.87	138	266490	38.246	ng		98
54) 2,4-Dinitrophenol	9.97	184	110586	35.325	ng		92
55) Dibenzofuran	10.13	168	1173715	37.217	ng		99
56) 4-Nitrophenol	10.03	139	189645	35.692	ng		98
57) 2,4-Dinitrotoluene	10.10	165	305722	38.702	ng		98
58) Fluorene	10.47	166	892697	39.595	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.25	232	255930	38.067	ng		99
60) Diethylphthalate	10.33	149	975636	38.810	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	465360	37.221	ng		97
62) 4-Nitroaniline	10.48	138	265780	39.766	ng		94
63) Azobenzene	10.62	77	987390	40.494	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	144232	34.550	ng		93
66) n-Nitrosodiphenylamine	10.57	169	805784	37.911	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	296549	37.979	ng		97
68) Hexachlorobenzene	11.02	284	336509	37.738	ng	#	94
69) Atrazine	11.10	200	243003	34.851	ng		98
70) Pentachlorophenol	11.21	266	178404	32.711	ng		99
71) Phenanthrene	11.43	178	1340591	38.276	ng		98
72) Anthracene	11.48	178	1366185	37.744	ng		99
73) Carbazole	11.63	167	1234925	38.906	ng		99
74) Di-n-butylphthalate	11.96	149	1496941	38.287	ng		99
75) Fluoranthene	12.62	202	1412894	38.174	ng		100
77) Benzidine	12.73	184	640027	39.243	ng		99
78) Pyrene	12.85	202	1412383	36.210	ng		98
80) Butylbenzylphthalate	13.46	149	621236	37.361	ng		96
81) Benzo(a)anthracene	14.03	228	1190116	39.239	ng		98
82) 3,3'-Dichlorobenzidine	13.99	252	421906	39.130	ng		99
83) Chrysene	14.07	228	1144160	37.578	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	805009	39.085	ng		99
85) Di-n-octyl phthalate	14.63	149	1210197	36.929	ng		100
86) Indeno(1,2,3-cd)pyrene	17.00	276	868003	33.556	ng		99
88) Benzo(b)fluoranthene	15.09	252	994846	37.823	ng		98
89) Benzo(k)fluoranthene	15.12	252	913636	38.960	ng		98
90) Benzo(a)pyrene	15.46	252	846889	37.461	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	722178	36.388	ng		98
92) Benzo(g,h,i)perylene	17.45	276	674847	34.094	ng		100

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

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