Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
Data File : BF119532.D
Acq On : 26 Mar 2020 7:48
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 26 08:27:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	327948	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1154544	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	565558	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	954653	20.00	ng		-0.02
76) Chrysene-d12	14.02	240	603139	20.00	ng		-0.01
87) Perylene-d12	15.49	264	637107	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1633067	79.27	ng		0.00
7) Phenol-d6	6.47	99	2095886	79.64	ng		0.00
23) Nitrobenzene-d5	7.42	82	1875539	88.29	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	498626	85.46	ng		-0.01
45) 2-Fluorobiphenyl	9.22	172	3194668	83.68	ng		0.00
79) Terphenyl-d14	12.97	244	2734968	88.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	368489	36.216	ng		98
3) Pyridine	3.32	79	1005540	35.873	ng		99
4) n-Nitrosodimethylamine	3.28	42	491437	35.952	ng		99
6) Aniline	6.51	93	1396800	38.458	ng		99
8) 2-Chlorophenol	6.63	128	904430	41.800	ng		98
9) Benzaldehyde	6.39	77	635047	38.040	ng		98
10) Phenol	6.49	94	1180582	42.043	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	916444	40.807	ng		96
12) 1,3-Dichlorobenzene	6.79	146	970916	41.461	ng		98
13) 1,4-Dichlorobenzene	6.86	146	973902	41.578	ng		99
14) 1,2-Dichlorobenzene	7.02	146	907191	41.436	ng		98
15) Benzyl Alcohol	6.99	79	800736	40.450	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1766990	39.007	ng		96
17) 2-Methylphenol	7.10	107	795561	40.130	ng		99
18) Hexachloroethane	7.36	117	344469	40.129	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	638354	40.244	ng		95
20) 3+4-Methylphenols	7.25	107	969611	39.909	ng		93
22) Acetophenone	7.26	105	1135922	41.175	ng	#	89
24) Nitrobenzene	7.43	77	962743	42.406	ng		97
25) Isophorone	7.67	82	1788821	41.510	ng		97
26) 2-Nitrophenol	7.75	139	441830	49.427	ng		99
27) 2,4-Dimethylphenol	7.78	122	687597	37.200	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	1081307	42.433	ng		99
29) 2,4-Dichlorophenol	7.99	162	726739	42.791	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	807202	42.977	ng		98
31) Naphthalene	8.16	128	2423385	40.788	ng		99
32) Benzoic acid	7.89	122	370512	31.163	ng		99
33) 4-Chloroaniline	8.20	127	1085932	39.888	ng		98
34) Hexachlorobutadiene	8.27	225	480411	45.716	ng		99
35) Caprolactam	8.58	113	221533	39.857	ng		93
36) 4-Chloro-3-methylphenol	8.68	107	764446	41.183	ng		99
37) 2-Methylnaphthalene	8.85	142	1630995	41.828	ng		99
38) 1-Methylnaphthalene	8.95	142	1515047	41.050	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	759792	45.834	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	121601	12.903 ng		99
43) 2,4,6-Trichlorophenol	9.12	196	509951	42.987 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	570497	42.930 ng		97
46) 1,1'-Biphenyl	9.32	154	1996637	43.347 ng		98
47) 2-Chloronaphthalene	9.34	162	1514027	41.962 ng		99
48) 2-Nitroaniline	9.43	65	581854	46.721 ng		96
49) Acenaphthylene	9.76	152	2299291	40.581 ng		100
50) Dimethylphthalate	9.62	163	1816395	45.216 ng		99
51) 2,6-Dinitrotoluene	9.67	165	396794	46.082 ng		92
52) Acenaphthene	9.93	154	1397353	39.560 ng		100
53) 3-Nitroaniline	9.85	138	465600	42.831 ng		93
54) 2,4-Dinitrophenol	9.94	184	24671	13.293 ng	#	44
55) Dibenzofuran	10.10	168	2065154	40.778 ng		99
56) 4-Nitrophenol	9.99	139	312099	36.394 ng		91
57) 2,4-Dinitrotoluene	10.07	165	506240	46.671 ng		92
58) Fluorene	10.44	166	1541272	41.155 ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	394754	39.740 ng		99
60) Diethylphthalate	10.32	149	1885279	46.240 ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	812056	44.341 ng		100
62) 4-Nitroaniline	10.46	138	428762	41.131 ng		99
63) Azobenzene	10.59	77	1678253	40.875 ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	53691	13.412 ng		95
66) n-Nitrosodiphenylamine	10.55	169	1448733	46.227 ng		99
67) 4-Bromophenyl-phenylether	10.92	248	524205	48.215 ng		99
68) Hexachlorobenzene	10.99	284	501446	45.063 ng	#	92
69) Atrazine	11.08	200	397530	46.269 ng		97
70) Pentachlorophenol	11.18	266	230518	35.330 ng		96
71) Phenanthrene	11.40	178	2023804	40.884 ng		99
72) Anthracene	11.46	178	2044686	40.642 ng		99
73) Carbazole	11.61	167	1950088	39.161 ng		99
74) Di-n-butylphthalate	11.95	149	2767997	51.962 ng		99
75) Fluoranthene	12.59	202	1963539	36.652 ng		99
77) Benzidine	12.71	184	880460	34.494 ng		98
78) Pyrene	12.82	202	1953566	39.467 ng		99
80) Butylbenzylphthalate	13.44	149	1017462	50.822 ng		96
81) Benzo(a)anthracene	14.01	228	1564733	39.895 ng		100
82) 3,3'-Dichlorobenzidine	13.97	252	658106	42.556 ng		97
83) Chrysene	14.05	228	1643295	40.597 ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1396720	58.524 ng		99
85) Di-n-octyl phthalate	14.62	149	2444579	58.242 ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1708486	44.816 ng		97
88) Benzo(b)fluoranthene	15.06	252	1801103	42.321 ng		98
89) Benzo(k)fluoranthene	15.09	252	1705797	42.093 ng		98
90) Benzo(a)pyrene	15.43	252	1621069	41.913 ng		98
91) Dibenzo(a,h)anthracene	16.98	278	1418578	41.934 ng		98
92) Benzo(g,h,i)perylene	17.40	276	1307115	38.461 ng		96

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

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