Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
Data File : BF119982.D
Acq On : 15 Apr 2020 10:04
Operator : MA/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 15 11:03:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 15 11:01:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	225311	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	852735	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	436809	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	827615	20.00	ng	0.00
76) Chrysene-d12	13.90	240	573056	20.00	ng	0.00
87) Perylene-d12	15.31	264	478226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1019847	78.22	ng	0.00
7) Phenol-d6	6.37	99	1316439	78.36	ng	0.00
23) Nitrobenzene-d5	7.30	82	1211616	73.51	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	363273	67.93	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2270672	73.80	ng	0.00
79) Terphenyl-d14	12.85	244	2312456	67.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	228701	39.384	ng	96
3) Pyridine	3.07	79	614896	38.595	ng	97
4) n-Nitrosodimethylamine	3.03	42	289637	35.581	ng	93
6) Aniline	6.39	93	869724	39.444	ng	99
8) 2-Chlorophenol	6.51	128	567020	38.925	ng	95
9) Benzaldehyde	6.27	77	345249	37.157	ng	99
10) Phenol	6.38	94	738138	38.730	ng	94
11) bis(2-Chloroethyl)ether	6.47	93	563441	38.289	ng	99
12) 1,3-Dichlorobenzene	6.67	146	608629	38.163	ng	97
13) 1,4-Dichlorobenzene	6.75	146	612807	37.721	ng	99
14) 1,2-Dichlorobenzene	6.90	146	581326	38.828	ng	98
15) Benzyl Alcohol	6.87	79	485015	37.171	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1048566	36.618	ng	98
17) 2-Methylphenol	6.99	107	502207	38.632	ng	97
18) Hexachloroethane	7.24	117	235831	38.843	ng	98
19) n-Nitroso-di-n-propylamine	7.15	70	409305	37.889	ng	98
20) 3+4-Methylphenols	7.15	107	613133	38.564	ng	95
22) Acetophenone	7.15	105	732731	36.695	ng	99
24) Nitrobenzene	7.32	77	614783	37.076	ng	98
25) Isophorone	7.56	82	1159989	36.507	ng	99
26) 2-Nitrophenol	7.63	139	312378	37.708	ng	100
27) 2,4-Dimethylphenol	7.67	122	466277	37.320	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	708255	37.880	ng	99
29) 2,4-Dichlorophenol	7.87	162	478973	37.400	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	534259	36.818	ng	98
31) Naphthalene	8.03	128	1656172	36.915	ng	99
32) Benzoic acid	7.81	122	395358	36.031	ng	95
33) 4-Chloroaniline	8.09	127	723161	37.025	ng	99
34) Hexachlorobutadiene	8.16	225	312402	35.965	ng	97
35) Caprolactam	8.47	113	145039	37.023	ng	98
36) 4-Chloro-3-methylphenol	8.57	107	511690	36.904	ng	96
37) 2-Methylnaphthalene	8.73	142	1107321	36.405	ng	99
38) 1-Methylnaphthalene	8.83	142	1040872	36.306	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	511322	37.062	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	360715	45.980 ng		98
43) 2,4,6-Trichlorophenol	9.00	196	360118	37.800 ng		99
44) 2,4,5-Trichlorophenol	9.05	196	404617	37.708 ng		98
46) 1,1'-Biphenyl	9.19	154	1396100	37.866 ng		98
47) 2-Chloronaphthalene	9.22	162	1071836	37.738 ng		96
48) 2-Nitroaniline	9.32	65	382517	37.165 ng		96
49) Acenaphthylene	9.63	152	1641261	37.997 ng		99
50) Dimethylphthalate	9.50	163	1249381	36.979 ng		99
51) 2,6-Dinitrotoluene	9.56	165	278014	37.576 ng	#	81
52) Acenaphthene	9.80	154	991687	34.418 ng		100
53) 3-Nitroaniline	9.73	138	320750	37.959 ng		100
54) 2,4-Dinitrophenol	9.83	184	204806	46.236 ng		94
55) Dibenzofuran	9.97	168	1485351	37.567 ng		99
56) 4-Nitrophenol	9.89	139	234915	37.364 ng		91
57) 2,4-Dinitrotoluene	9.96	165	365261	37.471 ng		97
58) Fluorene	10.32	166	1121352	35.462 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	312523	38.082 ng		96
60) Diethylphthalate	10.20	149	1279306	36.533 ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	570040	35.172 ng		98
62) 4-Nitroaniline	10.35	138	317201	39.390 ng		97
63) Azobenzene	10.47	77	1193852	38.042 ng		97
65) 4,6-Dinitro-2-methylphenol	10.37	198	207537	38.063 ng		94
66) n-Nitrosodiphenylamine	10.43	169	1039351	37.761 ng		98
67) 4-Bromophenyl-phenylether	10.80	248	366090	35.569 ng		100
68) Hexachlorobenzene	10.87	284	370394	35.475 ng		98
69) Atrazine	10.96	200	269575	35.201 ng		97
70) Pentachlorophenol	11.06	266	215482	35.812 ng		98
71) Phenanthrene	11.28	178	1635341	37.128 ng		98
72) Anthracene	11.33	178	1667203	37.052 ng		100
73) Carbazole	11.49	167	1608135	37.793 ng		99
74) Di-n-butylphthalate	11.82	149	2023516	36.174 ng		99
75) Fluoranthene	12.47	202	1752318	36.871 ng		99
77) Benzidine	12.59	184	605344	31.250 ng		96
78) Pyrene	12.70	202	1797289	37.204 ng		99
80) Butylbenzylphthalate	13.32	149	828915	35.361 ng		99
81) Benzo(a)anthracene	13.89	228	1390663	36.888 ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	527708	37.515 ng		95
83) Chrysene	13.92	228	1434917	37.460 ng		99
84) Bis(2-ethylhexyl)phthalate	13.88	149	1076873	33.923 ng	#	99
85) Di-n-octyl phthalate	14.49	149	1854336	34.307 ng		98
86) Indeno(1,2,3-cd)pyrene	16.70	276	1109430	32.856 ng		97
88) Benzo(b)fluoranthene	14.91	252	1233769	35.863 ng		98
89) Benzo(k)fluoranthene	14.94	252	1187919	40.020 ng		99
90) Benzo(a)pyrene	15.26	252	1094208	37.828 ng		98
91) Dibenzo(a,h)anthracene	16.72	278	907637	35.424 ng		97
92) Benzo(g,h,i)perylene	17.12	276	881445	34.851 ng		98

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

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