Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119064.D
Acq On : 25 Feb 2020 14:40
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 26 01:25:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 17:40:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	242476	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	895305	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	503237	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	929486	20.00	ng		0.00
76) Chrysene-d12	13.92	240	675068	20.00	ng		0.00
87) Perylene-d12	15.33	264	639227	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1109225	76.45	ng		0.00
7) Phenol-d6	6.41	99	1369513	77.61	ng		0.00
23) Nitrobenzene-d5	7.33	82	1332186	78.56	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	537899	81.71	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2509308	73.46	ng		0.00
79) Terphenyl-d14	12.86	244	3078344	78.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	233609	36.162	ng		100
3) Pyridine	3.18	79	657344	37.259	ng		99
4) n-Nitrosodimethylamine	3.13	42	214624	40.158	ng		94
6) Aniline	6.42	93	832734	38.245	ng	#	24
8) 2-Chlorophenol	6.55	128	618803	39.519	ng		99
9) Benzaldehyde	6.30	77	403405	34.217	ng		98
10) Phenol	6.42	94	716436	37.552	ng		87
11) bis(2-Chloroethyl)ether	6.50	93	586255	40.161	ng		99
12) 1,3-Dichlorobenzene	6.70	146	727204	38.748	ng		99
13) 1,4-Dichlorobenzene	6.77	146	736496	39.216	ng		98
14) 1,2-Dichlorobenzene	6.93	146	669916	39.113	ng		98
15) Benzyl Alcohol	6.91	79	515877	40.450	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	517644	40.936	ng		78
17) 2-Methylphenol	7.02	107	503636	39.672	ng		94
18) Hexachloroethane	7.27	117	273542	40.712	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	423484	41.186	ng		95
20) 3+4-Methylphenols	7.18	107	590872	37.990	ng	#	75
22) Acetophenone	7.17	105	816274	39.405	ng		99
24) Nitrobenzene	7.35	77	651748	38.868	ng		100
25) Isophorone	7.59	82	1192982	40.511	ng		100
26) 2-Nitrophenol	7.66	139	355259	39.986	ng		94
27) 2,4-Dimethylphenol	7.70	122	474426	39.345	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	761235	39.714	ng		100
29) 2,4-Dichlorophenol	7.90	162	559898	39.443	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	652754	38.784	ng		98
31) Naphthalene	8.06	128	1781543	38.369	ng		98
32) Benzoic acid	7.87	122	383191	44.171	ng		95
33) 4-Chloroaniline	8.11	127	786158	39.365	ng		97
34) Hexachlorobutadiene	8.18	225	417273	39.802	ng		99
35) Caprolactam	8.51	113	178084	40.743	ng		97
36) 4-Chloro-3-methylphenol	8.60	107	583116	40.589	ng		99
37) 2-Methylnaphthalene	8.75	142	1231110	39.399	ng		99
38) 1-Methylnaphthalene	8.85	142	1157223	39.379	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	652460	38.455	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	220372	40.886	ng		96
43) 2,4,6-Trichlorophenol	9.03	196	429092	40.047	ng		99
44) 2,4,5-Trichlorophenol	9.08	196	439635	39.101	ng	#	94
46) 1,1'-Biphenyl	9.22	154	1555445	38.244	ng		98
47) 2-Chloronaphthalene	9.25	162	1259935	38.441	ng		98
48) 2-Nitroaniline	9.34	65	369899	40.463	ng		95
49) Acenaphthylene	9.66	152	1801042	38.047	ng		100
50) Dimethylphthalate	9.52	163	1567489	40.734	ng		99
51) 2,6-Dinitrotoluene	9.59	165	340887	39.872	ng		99
52) Acenaphthene	9.83	154	1095181	38.369	ng		100
53) 3-Nitroaniline	9.76	138	370944	39.137	ng		98
54) 2,4-Dinitrophenol	9.87	184	163936	43.242	ng		94
55) Dibenzofuran	10.00	168	1608923	37.764	ng		96
56) 4-Nitrophenol	9.93	139	210330	36.935	ng		94
57) 2,4-Dinitrotoluene	9.99	165	429364	38.745	ng	#	85
58) Fluorene	10.35	166	1278955	38.632	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	375515	39.581	ng		99
60) Diethylphthalate	10.22	149	1494847	41.221	ng		99
61) 4-Chlorophenyl-phenylether	10.33	204	687255	39.219	ng		99
62) 4-Nitroaniline	10.37	138	382525	39.447	ng		99
63) Azobenzene	10.49	77	1261409	40.018	ng		98
65) 4,6-Dinitro-2-methylphenol	10.40	198	242798	43.168	ng		88
66) n-Nitrosodiphenylamine	10.45	169	1187229	39.009	ng		100
67) 4-Bromophenyl-phenylether	10.82	248	491882	40.486	ng		97
68) Hexachlorobenzene	10.89	284	561224	40.065	ng		99
69) Atrazine	10.98	200	398227	37.450	ng		97
70) Pentachlorophenol	11.09	266	238038	42.185	ng		99
71) Phenanthrene	11.30	178	1922505	37.927	ng		99
72) Anthracene	11.35	178	1948470	38.471	ng		99
73) Carbazole	11.51	167	1740949	38.584	ng		99
74) Di-n-butylphthalate	11.84	149	2295057	42.002	ng		99
75) Fluoranthene	12.49	202	2073885	38.544	ng		99
77) Benzidine	12.60	184	877431	31.960	ng		100
78) Pyrene	12.72	202	2052080	37.856	ng		98
80) Butylbenzylphthalate	13.33	149	999720	43.820	ng		99
81) Benzo(a)anthracene	13.90	228	1791713	38.953	ng		98
82) 3,3'-Dichlorobenzidine	13.86	252	719034	40.258	ng		99
83) Chrysene	13.94	228	1749287	38.167	ng		99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1339337	46.468	ng		100
85) Di-n-octyl phthalate	14.50	149	2136414	46.522	ng		99
86) Indeno(1,2,3-cd)pyrene	16.76	276	1604886	36.164	ng		98
88) Benzo(b)fluoranthene	14.93	252	1700945	40.370	ng		99
89) Benzo(k)fluoranthene	14.96	252	1580380	40.474	ng		99
90) Benzo(a)pyrene	15.28	252	1494051	39.289	ng		99
91) Dibenzo(a,h)anthracene	16.76	278	1320257	39.458	ng		98
92) Benzo(g,h,i)perylene	17.17	276	1269191	38.391	ng		98

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

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